BASRTL

BASRTL2 .:

MAP

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! Object Module Synopsis !
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Module Name	Ident	Bytes	File	Creation Date	Creator
BAS$VECTR2	1-002	160	[BASRTL.OBJ]BASVECTR2.OBJ;1	15-SEP-1984 23:37	VAX/VMS Macro V04-00
BAS$MAT_ADD	1-017	27745	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:39	VAX/VMS Macro V04-00
BAS$MAT_ASSIGN	1-017	24697	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:41	VAX/VMS Macro V04-00
BAS$MAT_IDN	1-012	1839	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:43	VAX/VMS Macro V04-00
BAS$MAT_INIT	1-010	2326	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:44	VAX/VMS Macro V04-00
BAS$MAT_INV	1-014	39080	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:44	VAX/VMS Macro V04-00
BAS$MAT_MUL	1-021	29917	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:47	VAX/VMS Macro V04-00
BAS$MAT_NULL	1-004	134	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:50	VAX/VMS Macro V04-00
BAS$MAT_REDIM	1-002	233	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:50	VAX/VMS Macro V04-00
BAS$MAT_SCA_MUL	1-025	16316	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:51	VAX/VMS Macro V04-00
BAS$MAT_SUB	1-016	27739	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:52	VAX/VMS Macro V04-00
BAS$MAT_TRN	1-013	24515	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	15-SEP-1984 23:55	VAX/VMS Macro V04-00
BAS$NOT_IMP	1-006	14	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 00:50	VAX-11 Bliss-32 V4.0-742
BAS$ONECHR	1-002	90	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 00:51	VAX-11 Bliss-32 V4.0-742
BAS$RSTS_CVT	1-005	492	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:06	VAX-11 Bliss-32 V4.0-742
BAS$SYS	1-014	1127	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:16	VAX-11 Bliss-32 V4.0-742
BPA$$MOVTUC	1-001	43	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-SEP-1984 00:02	VAX/VMS Macro V04-00
BPA$ASSDEAS	1-328	1257	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:40	VAX-11 Bliss-32 V4.0-742
BPA$FSS	1-006	4601	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:33	VAX-11 Bliss-32 V4.0-742
BPA$GETFREBLK	1-311	52	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:37	VAX-11 Bliss-32 V4.0-742
BPA$MESAG	1-272	2105	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:38	VAX-11 Bliss-32 V4.0-742
BPA$SET_PRI	1-003	44	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:40	VAX-11 Bliss-32 V4.0-742
BPA$WAKEUP	1-125	46	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 01:41	VAX-11 Bliss-32 V4.0-742
BAS$MSGDEF	1-003	0	_255DUA28:[BASRTL.OBJ]BASRTL.OLB;1	16-Sep-1984 00:49	VAX-11 Bliss-32 V4.0-742
COM$R50ASC	1-003	123	_255DUA28:[SYSOBJ]FORRTL.OLB;1	15-SEP-1984 23:48	VAX/VMS Macro V04-00
LIB$$ADDP_R7	1-002	11	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:46	VAX/VMS Macro V04-00
OTS$$CCB	1-057	1357	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	16-Sep-1984 01:22	VAX-11 Bliss-32 V4.0-742
OTS$$CCB_DATA	1-002	1184	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	16-Sep-1984 01:24	VAX-11 Bliss-32 V4.0-742
OTS$$CLOSE_FILE	1-012	169	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	16-Sep-1984 01:24	VAX-11 Bliss-32 V4.0-742
OTS$$LUN	1-003	150	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	16-SEP-1984 00:32	VAX/VMS Macro V04-00
OTS$$TERM_IO	1-002	23	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	16-Sep-1984 01:25	VAX-11 Bliss-32 V4.0-742
LIB$MSGDEF	2-018	0	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:43	VAX-11 Message V04-00
OTS$MSGDEF	2-003	0	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:44	VAX-11 Message V04-00
STR$MSGDEF	2-005	0	_255DUA28:[SYSOBJ]LIBRTL.OLB;1	15-SEP-1984 23:44	VAX-11 Message V04-00
MTH$MSGDEF	2-002	0	_255DUA28:[SYSOBJ]MTHRTL.OLB;1	16-SEP-1984 00:59	VAX-11 Message V04-00
SYS$P1_VECTOR	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 00:40	VAX/VMS Macro V04-00
SYS$$SSDEF	V04-000	0	_255DUA28:[SYSLIB]STARLET.OLB;2	16-SEP-1984 01:18	VAX/VMS Macro V04-00
BASRTL	V04-000	0	_255DUA28:[SYSLIB]BASRTL.EXE;1	16-SEP-1984 04:06	VAX-11 Linker V04-00
LIBRTL	V04-000	0	_255DUA28:[SYSLIB]LIBRTL.EXE;1	16-SEP-1984 04:00	VAX-11 Linker V04-00
MTHRTL	V04-000	0	_255DUA28:[SYSLIB]MTHRTL.EXE;1	16-SEP-1984 04:04	VAX-11 Linker V04-00

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                              ! Image Section Synopsis !
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Cluster	Type	Pages	Base Addr	Disk VBN	PFC	Protection and Paging	Global Sec. Name	Match	Majorid	Minorid
CLUSTER1	3	387	00000000-R	2	0	READ ONLY				
CLUSTER2	4	3	00030600-R	389	0	READ WRITE NON-SHAREABLE ADDRESS DATA				
DEFAULT_CLUSTER	3	15	00030C00-R	392	0	READ ONLY				
	4	2	00032A00-R	407	0	READ WRITE COPY ON REF				
	2	2	00032E00-R	409	0	READ WRITE FIXUP VECTORS				
BASRTL	3	168	00000000-R	0	0	READ ONLY	BASRTL_001	LESS/EQUAL	1	10
	4	3	00015000-R	0	0	READ WRITE COPY ON REF	BASRTL_002	LESS/EQUAL	1	10
	3	1	00015600-R	0	0	READ ONLY	BASRTL_003	LESS/EQUAL	1	10
	2	2	00015800-R	0	0	READ WRITE FIXUP VECTORS	BASRTL_004	LESS/EQUAL	1	10
LIBRTL	3	111	00000000-R	0	0	READ ONLY	LIBRTL_001	LESS/EQUAL	1	11
	4	1	0000DE00-R	0	0	READ WRITE DEMAND ZERO	LIBRTL_002	LESS/EQUAL	1	11
MTHRTL	3	115	00000000-R	0	0	READ ONLY	MTHRTL_001	LESS/EQUAL	129	32778
	2	1	0000E600-R	0	0	READ WRITE FIXUP VECTORS	MTHRTL_002	LESS/EQUAL	129	32778

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        Key for special characters above:
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              ! R  - Relocatable !
              ! P  - Protected   !
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! Program Section Synopsis !
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Psect Name	Module Name	Base	End	Length		Align	Attributes
BASVECTR2		00000000	0000009F	000000A0	(160.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	BAS$VECTR2	00000000	0000009F	000000A0	(160.)	LONG 2	
_BAS$CODE		000000A0	0002FF4E	0002FEAF	(196271.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	BAS$MAT_ADD	000000A0	00006D00	00006C61	(27745.)	LONG 2	
	BAS$MAT_ASSIGN	00006D04	0000CD7C	00006079	(24697.)	LONG 2	
	BAS$MAT_IDN	0000CD80	0000D4AE	0000072F	(1839.)	LONG 2	
	BAS$MAT_INIT	0000D4B0	0000DDC5	00000916	(2326.)	LONG 2	
	BAS$MAT_INV	0000DDC8	0001765F	00009898	(39064.)	LONG 2	
	BAS$MAT_MUL	00017660	0001EB3C	000074DD	(29917.)	LONG 2	
	BAS$MAT_NULL	0001EB40	0001EBC5	00000086	(134.)	LONG 2	
	BAS$MAT_REDIM	0001EBC8	0001ECB0	000000E9	(233.)	LONG 2	
	BAS$MAT_SCA_MUL	0001ECB4	00022C6F	00003FBC	(16316.)	LONG 2	
	BAS$MAT_SUB	00022C70	000298CA	00006C5B	(27739.)	LONG 2	
	BAS$MAT_TRN	000298CC	0002F88E	00005FC3	(24515.)	LONG 2	
	BAS$NOT_IMP	0002F890	0002F89D	0000000E	(14.)	LONG 2	
	BAS$ONECHR	0002F8A0	0002F8F9	0000005A	(90.)	LONG 2	
	BAS$RSTS_CVT	0002F8FC	0002FAE7	000001EC	(492.)	LONG 2	
	BAS$SYS	0002FAE8	0002FF4E	00000467	(1127.)	LONG 2	
_LIB$CODE		0002FF50	0002FF5A	0000000B	(11.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	LIB$$ADDP_R7	0002FF50	0002FF5A	0000000B	(11.)	LONG 2	
_OTS$CODE		0002FF5C	000305EE	00000693	(1683.)	LONG 2	PIC,USR,CON,REL,GBL, SHR, EXE, RD,NOWRT,NOVEC
	OTS$$CCB	0002FF5C	000304A0	00000545	(1349.)	LONG 2	
	OTS$$CLOSE_FILE	000304A4	0003054C	000000A9	(169.)	LONG 2	
	OTS$$LUN	00030550	000305D6	00000087	(135.)	LONG 2	
	OTS$$TERM_IO	000305D8	000305EE	00000017	(23.)	LONG 2	
_BAS$DATA		00030600	0003060F	00000010	(16.)	BYTE 0	PIC,USR,CON,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	BAS$MAT_INV	00030600	0003060F	00000010	(16.)	BYTE 0	
_OTS$DATA		00030610	00030AC6	000004B7	(1207.)	LONG 2	PIC,USR,CON,REL,GBL,NOSHR,NOEXE, RD, WRT,NOVEC
	OTS$$CCB	00030610	00030617	00000008	(8.)	LONG 2	
	OTS$$CCB_DATA	00030618	00030AB7	000004A0	(1184.)	LONG 2	
	OTS$$LUN	00030AB8	00030AC6	0000000F	(15.)	LONG 2	
_BPA$CODE		00030C00	0003294D	00001D4E	(7502.)	LONG 2	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	BPA$$MOVTUC	00030C00	00030C2A	0000002B	(43.)	LONG 2	
	BPA$ASSDEAS	00030C2C	000310F4	000004C9	(1225.)	LONG 2	
	BPA$FSS	000310F8	000322E0	000011E9	(4585.)	LONG 2	
	BPA$GETFREBLK	000322E4	00032317	00000034	(52.)	LONG 2	
	BPA$MESAG	00032318	000328F0	000005D9	(1497.)	LONG 2	
	BPA$SET_PRI	000328F4	0003291F	0000002C	(44.)	LONG 2	
	BPA$WAKEUP	00032920	0003294D	0000002E	(46.)	LONG 2	
_F4PCOMPAT$CODE		0003294E	000329C8	0000007B	(123.)	BYTE 0	PIC,USR,CON,REL,LCL, SHR, EXE, RD,NOWRT,NOVEC
	COM$R50ASC	0003294E	000329C8	0000007B	(123.)	BYTE 0	

Psect Name	Module Name	Base	End	Length		Align	Attributes
_BPA$DATA		00032A00	00032C8F	00000290 (	656.)	LONG 2	PIC,USR,CON,REL,LCL,NOSHR,NOEXE, RD, WRT,NOVEC
	BPA$ASSDEAS	00032A00	00032A1F	00000020 (	32.)	LONG 2	
	BPA$FSS	00032A20	00032A2F	00000010 (	16.)	LONG 2	
	BPA$MESAG	00032A30	00032C8F	00000260 (	608.)	LONG 2	

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! Symbol Cross Reference !
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Symbol	Value	Defined By	Referenced By ...		
BAS$$CB_POP	00032E4C-RX	BASRTL	BAS$ONECHR	BAS$SYS	BPA$MESAG
BAS$$CB_PUSH	00032E50-RX	BASRTL	BAS$ONECHR	BAS$SYS	
BAS$$OPEN_ZERO	00032E7C-RX	BASRTL	BAS$ONECHR		
BAS$$SCALE_R1	00032E80-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$$STOP	00032E74-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_NULL	BAS$MAT_REDIM	BAS$MAT_SCA_MUL
			BAS$MAT_SUB	BAS$MAT_TRN	BAS$NOT_IMP
			BAS$RSTS_CVT	BAS$SYS	
BAS$$STOP_IO	00032E84-RX	BASRTL	BAS$ONECHR	BAS$SYS	
BAS$$STORE_DET	00032E5C-RX	BASRTL	BAS$MAT_INV		
BAS$$STORE_DET_G	00032E60-RX	BASRTL	BAS$MAT_INV		
BAS$$STORE_DET_H	00032E64-RX	BASRTL	BAS$MAT_INV		
BAS$CANTYPAHEAD	00032E48-RX	BASRTL	BAS$SYS		
BAS$CTRLC	00032E54-RX	BASRTL	BAS$SYS		
BAS$CVT_D_S	0002F9B2-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$CVT_F_S	0002F978-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$CVT_S_D	0002FA52-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$CVT_S_F	0002FA00-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$CVT_S_W	0002F92C-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$CVT_W_S	0002F8FC-RU	BAS$RSTS_CVT	BAS$VECTR2		
BAS$ECHO	00032E6C-RX	BASRTL	BAS$SYS		
BAS$ERT	00032E70-RX	BASRTL	BAS$SYS		
BAS$FETCH_BFA	00032EC4-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FETCH_DESC	00032E78-RX	BASRTL	BAS$MAT_ADD		
BAS$FET_FA_B_R8	00032E9C-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_D_R8	00032EA4-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_F_R8	00032EAC-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_G_R8	00032E98-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_H_R8	00032E94-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_L_R8	00032EB4-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$FET_FA_W_R8	00032EBC-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_INV
			BAS$MAT_MUL	BAS$MAT_SCA_MUL	BAS$MAT_SUB

Symbol	Value	Defined By	Referenced By ...
BAS$FSS	0002F890-RU	BAS$NOT_IMP	BAS$MAT_TRN
BAS$k_ACCDEVUSE	00000003	BAS$MSGDEF	
BAS$k_ARGDONMAT	00000058	BAS$MSGDEF	BAS$MAT_ADD BAS$MAT_ASSIGN BAS$MAT_IDN
			BAS$MAT_INIT BAS$MAT_INV BAS$MAT_MUL
			BAS$MAT_NULL BAS$MAT_SCA_MUL BAS$MAT_SUB
			BAS$MAT_TRN
BAS$k_ARGOUTBOU	000000F9	BAS$MSGDEF	BAS$MAT_ADD BAS$MAT_MUL BAS$MAT_SUB
BAS$k_ARGTOOLAR	00000031	BAS$MSGDEF	BAS$MAT_INV
BAS$k_ARRMUSSAM	000000EE	BAS$MSGDEF	
BAS$k_ARRMUSSQU	000000EF	BAS$MSGDEF	
BAS$k_BADDIRDEV	00000001	BAS$MSGDEF	
BAS$k_BADLINNUM	0000006E	BAS$MSGDEF	
BAS$k_BADNUMPRI	00000076	BAS$MSGDEF	
BAS$k_BADRECIDE	0000008F	BAS$MSGDEF	
BAS$k_BADRECVAL	00000094	BAS$MSGDEF	
BAS$k_CANCHAARR	000000F0	BAS$MSGDEF	BAS$MAT_REDIM
BAS$k_CANCOMSTA	00000056	BAS$MSGDEF	
BAS$k_CANCON	00000072	BAS$MSGDEF	
BAS$k_CANFINFIL	00000005	BAS$MSGDEF	
BAS$k_CANINVMAT	00000038	BAS$MSGDEF	BAS$MAT_INV
BAS$k_CANOPEFIL	000000A2	BAS$MSGDEF	
BAS$k_CANPOSEOF	000000A5	BAS$MSGDEF	
BAS$k_CHATO_NON	000000F3	BAS$MSGDEF	
BAS$k_CORFILSTR	0000001D	BAS$MSGDEF	
BAS$k_DATFORERR	00000032	BAS$MSGDEF	
BAS$k_DATTYPERR	00000065	BAS$MSGDEF	BAS$MAT_ADD BAS$MAT_ASSIGN BAS$MAT_IDN
			BAS$MAT_INIT BAS$MAT_INV BAS$MAT_MUL
			BAS$MAT_SCA_MUL BAS$MAT_SUB BAS$MAT_TRN
BAS$k_DECERR	000000B5	BAS$MSGDEF	
BAS$k_DEFWITFNE	0000005E	BAS$MSGDEF	
BAS$k_DEVHUNWRI	0000000E	BAS$MSGDEF	
BAS$k_DEVNOTAVA	00000008	BAS$MSGDEF	
BAS$k_DEVNOTFIL	0000001E	BAS$MSGDEF	
BAS$k_DIFUSELON	000000E5	BAS$MSGDEF	
BAS$k_DIRERR	000000FD	BAS$MSGDEF	
BAS$k_DISBLOINT	00000013	BAS$MSGDEF	
BAS$k_DISERRDUR	00000025	BAS$MSGDEF	
BAS$k_DISPACLOC	00000016	BAS$MSGDEF	
BAS$k_DISPACNEE	00000019	BAS$MSGDEF	
BAS$k_DISPACNOT	00000015	BAS$MSGDEF	
BAS$k_DISPACPRI	00000018	BAS$MSGDEF	
BAS$k_DIVBY_ZER	0000003D	BAS$MSGDEF	
BAS$k_DUPKEYDET	00000086	BAS$MSGDEF	
BAS$k_ENDFILDEV	0000000B	BAS$MSGDEF	
BAS$k_ENDOF_STA	0000006C	BAS$MSGDEF	
BAS$k_ERRTRANEE	000000F6	BAS$MSGDEF	
BAS$k_EXEONLFIL	00000070	BAS$MSGDEF	
BAS$k_EXPERR	000000F4	BAS$MSGDEF	
BAS$k_EXPTOOCOM	00000057	BAS$MSGDEF	
BAS$k_EXRMSSHR	000000B2	BAS$MSGDEF	
BAS$k_FAC_NO	0000001A	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$K_FATDISPAC	0000001A	BAS$MSGDEF	
BAS$K_FATSYSIO	0000000C	BAS$MSGDEF	
BAS$K_FIEOVEBUF	0000003F	BAS$MSGDEF	
BAS$K_FILACPFAI	000000FC	BAS$MSGDEF	
BAS$K_FILATTNOT	000000A0	BAS$MSGDEF	
BAS$K_FILEXIREN	00000073	BAS$MSGDEF	
BAS$K_FILEXPDAT	000000AE	BAS$MSGDEF	
BAS$K_FILIS_LOC	0000008A	BAS$MSGDEF	
BAS$K_FIRARGSEQ	000000ED	BAS$MSGDEF	
BAS$K_FLOOVE	000000F1	BAS$MSGDEF	
BAS$K_FLOPOIERR	00000030	BAS$MSGDEF	
BAS$K_FLOUND	000000F2	BAS$MSGDEF	
BAS$K_FNEWITDEF	0000005F	BAS$MSGDEF	
BAS$K_FNEWITFUN	00000049	BAS$MSGDEF	
BAS$K_FORWITNEX	0000005C	BAS$MSGDEF	
BAS$K_ILLALLCLA	000000A8	BAS$MSGDEF	
BAS$K_ILLARGLOG	00000035	BAS$MSGDEF	
BAS$K_ILLBYTCOU	0000001F	BAS$MSGDEF	BAS$SYS
BAS$K_ILLCLUSIZ	00000017	BAS$MSGDEF	
BAS$K_ILLCONCLA	00000050	BAS$MSGDEF	
BAS$K_ILLDEFNES	0000005B	BAS$MSGDEF	
BAS$K_ILLDUMVAR	00000052	BAS$MSGDEF	
BAS$K_ILLEXIDEF	000000F5	BAS$MSGDEF	
BAS$K_ILLEXP	0000004D	BAS$MSGDEF	
BAS$K_ILLFIEVAR	0000007A	BAS$MSGDEF	
BAS$K_ILLFILNAM	00000002	BAS$MSGDEF	
BAS$K_ILLFN_RED	00000053	BAS$MSGDEF	
BAS$K_ILLFUNNAM	00000051	BAS$MSGDEF	
BAS$K_ILLIF_STA	0000004F	BAS$MSGDEF	
BAS$K_ILLILLACC	0000008B	BAS$MSGDEF	
BAS$K_ILLIN_IMM	00000077	BAS$MSGDEF	
BAS$K_ILLIO_CHA	0000002E	BAS$MSGDEF	BAS$SYS
BAS$K_ILLKEYATT	00000089	BAS$MSGDEF	
BAS$K_ILLLINNUM	00000054	BAS$MSGDEF	
BAS$K_ILLMAGUSA	00000041	BAS$MSGDEF	
BAS$K_ILLMODMIX	0000004E	BAS$MSGDEF	
BAS$K_ILLNUM	00000034	BAS$MSGDEF	
BAS$K_ILLNUMIMA	000000E9	BAS$MSGDEF	
BAS$K_ILLOPE	0000008D	BAS$MSGDEF	BAS$MAT_MUL BAS$MAT_TRN
BAS$K_ILLRECACC	00000098	BAS$MSGDEF	
BAS$K_ILLRECFIL	0000008E	BAS$MSGDEF	
BAS$K_ILLRECFOR	000000A7	BAS$MSGDEF	
BAS$K_ILLRECLOC	000000BB	BAS$MSGDEF	
BAS$K_ILLRESSUB	000000F7	BAS$MSGDEF	
BAS$K_ILLRETSUB	000000F8	BAS$MSGDEF	
BAS$K_ILLSTA	00000079	BAS$MSGDEF	
BAS$K_ILLSTRIMA	000000E7	BAS$MSGDEF	
BAS$K_ILLSWIUSA	00000043	BAS$MSGDEF	
BAS$K_ILLSYM	0000004B	BAS$MSGDEF	
BAS$K_ILLSYSUSA	00000012	BAS$MSGDEF	BAS$SYS
BAS$K_ILLUSA	00000087	BAS$MSGDEF	
BAS$K_ILLUSADEV	00000085	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$K_ILLVER	0000004C	BAS$MSGDEF	
BAS$K_IMASQUROO	00000036	BAS$MSGDEF	
BAS$K_IMPERRHAN	000000BA	BAS$MSGDEF	
BAS$K_INCFUNUSA	0000005A	BAS$MSGDEF	
BAS$K_INCSUBUSE	0000006A	BAS$MSGDEF	
BAS$K_INDNOTFUL	000000AA	BAS$MSGDEF	
BAS$K_INDNOTINI	0000008C	BAS$MSGDEF	
BAS$K_INTERR	00000033	BAS$MSGDEF	
BAS$K_INTOVEFOR	0000003C	BAS$MSGDEF	
BAS$K_INVFILOPT	0000008B	BAS$MSGDEF	
BAS$K_INVKEYREF	00000090	BAS$MSGDEF	
BAS$K_INVRFAFIE	000000AD	BAS$MSGDEF	
BAS$K_IO_CHAALR	00000007	BAS$MSGDEF	
BAS$K_IO_CHANOT	00000009	BAS$MSGDEF	BAS$ONECHR BAS$SYS
BAS$K_IO_TO_DET	0000001B	BAS$MSGDEF	
BAS$K_KEYFIEBEY	00000097	BAS$MSGDEF	
BAS$K_KEYLARTHA	0000009F	BAS$MSGDEF	
BAS$K_KEYNOTCHA	00000082	BAS$MSGDEF	
BAS$K_KEYSIZTOO	00000091	BAS$MSGDEF	
BAS$K_KEYWAIEXH	0000000F	BAS$MSGDEF	
BAS$K_LINTOOLON	0000002F	BAS$MSGDEF	
BAS$K_LITSTRNEE	00000060	BAS$MSGDEF	
BAS$K_MAGRECLEN	00000028	BAS$MSGDEF	
BAS$K_MAGSELERR	00000027	BAS$MSGDEF	
BAS$K_MATARRTOO	0000002C	BAS$MSGDEF	
BAS$K_MATARRWIT	00000075	BAS$MSGDEF	
BAS$K_MATDIMERR	0000007C	BAS$MSGDEF	BAS$MAT_ADD BAS$MAT_IDN BAS$MAT_INV
			BAS$MAT_MUL BAS$MAT_REDIM BAS$MAT_SUB
			BAS$MAT_TRN
BAS$K_MAXMEMEXC	0000007E	BAS$MSGDEF	
BAS$K_MEMMANVIO	00000023	BAS$MSGDEF	
BAS$K_MEMPARFAI	00000026	BAS$MSGDEF	
BAS$K_MISSPEFEA	00000042	BAS$MSGDEF	BAS$SYS
BAS$K_MODERR	00000055	BAS$MSGDEF	
BAS$K_MOVOVEBUF	000000A1	BAS$MSGDEF	
BAS$K_NAMACCNOW	00000010	BAS$MSGDEF	
BAS$K_NEGFILSTR	000000A6	BAS$MSGDEF	
BAS$K_NEGZERTAB	000000B0	BAS$MSGDEF	
BAS$K_NETOPEREJ	000000B6	BAS$MSGDEF	
BAS$K_NEXWITFOR	0000005D	BAS$MSGDEF	
BAS$K_NODNAMERR	000000AF	BAS$MSGDEF	
BAS$K_NONRESRUN	00000029	BAS$MSGDEF	
BAS$K_NOSUPFOR	000000B4	BAS$MSGDEF	
BAS$K_NOTENDFIL	00000095	BAS$MSGDEF	
BAS$K_NOTENOAVA	0000006F	BAS$MSGDEF	
BAS$K_NOTENODAT	0000003B	BAS$MSGDEF	
BAS$K_NOTIMP	000000FA	BAS$MSGDEF	BAS$NOT_IMP
BAS$K_NOTRANACC	00000040	BAS$MSGDEF	
BAS$K_NOTVALDEV	00000006	BAS$MSGDEF	
BAS$K_NO_BUFSPA	00000020	BAS$MSGDEF	
BAS$K_NO_CURREC	00000083	BAS$MSGDEF	
BAS$K_NO_FIEIMA	000000E6	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS\$K_NO_FILNAM	000000A3	BAS\$MSGDEF	
BAS\$K_NO_PRIKEY	00000096	BAS\$MSGDEF	
BAS\$K_NO_ROOUSE	00000004	BAS\$MSGDEF	BAS\$SYS
BAS\$K_NO_RUNSYS	0000003E	BAS\$MSGDEF	
BAS\$K_NUCIMA	000000E8	BAS\$MSGDEF	
BAS\$K_NUMIMASTR	000000EA	BAS\$MSGDEF	
BAS\$K_NUMIS_NEE	00000064	BAS\$MSGDEF	
BAS\$K_ODDADDTRA	00000021	BAS\$MSGDEF	
BAS\$K_ONEOR_TWO	00000066	BAS\$MSGDEF	
BAS\$K_ON_STANEE	0000006B	BAS\$MSGDEF	
BAS\$K_ON_STAOUT	0000003A	BAS\$MSGDEF	
BAS\$K_OUTOF_DAT	00000039	BAS\$MSGDEF	
BAS\$K_PACIDSDON	00000014	BAS\$MSGDEF	
BAS\$K_PLEUSERUN	00000071	BAS\$MSGDEF	
BAS\$K_PRIKEYOUT	0000009E	BAS\$MSGDEF	
BAS\$K_PRIUSIBUF	00000078	BAS\$MSGDEF	
BAS\$K_PRIUSIFOR	00000074	BAS\$MSGDEF	
BAS\$K_PROC_TRA	0000001C	BAS\$MSGDEF	
BAS\$K_PROLOSSOR	00000067	BAS\$MSGDEF	
BAS\$K_PROVIO	0000000A	BAS\$MSGDEF	
BAS\$K_RECALREXI	00000099	BAS\$MSGDEF	
BAS\$K_RECATTNOT	000000E4	BAS\$MSGDEF	
BAS\$K_RECBUCLOC	0000009A	BAS\$MSGDEF	
BAS\$K_RECFILTOO	0000009D	BAS\$MSGDEF	
BAS\$K_RECHASBEE	00000084	BAS\$MSGDEF	
BAS\$K_RECLOCFAI	000000AC	BAS\$MSGDEF	
BAS\$K_RECNOTFOU	0000009B	BAS\$MSGDEF	
BAS\$K_RECNUMEXC	00000093	BAS\$MSGDEF	
BAS\$K_RECOVEMAP	000000B9	BAS\$MSGDEF	
BAS\$K_RECSUBCAL	000000FB	BAS\$MSGDEF	
BAS\$K_REDARR	00000069	BAS\$MSGDEF	BAS\$MAT_REDIM
BAS\$K_REMOVEBUF	000000B7	BAS\$MSGDEF	
BAS\$K_REQRECSIZ	000000BC	BAS\$MSGDEF	
BAS\$K_RESINSTRA	00000022	BAS\$MSGDEF	
BAS\$K_RESNO_ERR	00000068	BAS\$MSGDEF	
BAS\$K_RETWITGOS	00000048	BAS\$MSGDEF	
BAS\$K_RRVNOTFUL	000000AB	BAS\$MSGDEF	
BAS\$K_SCAFACINT	0000007F	BAS\$MSGDEF	
BAS\$K_SIZRECINV	0000009C	BAS\$MSGDEF	
BAS\$K_SP_STAOVE	00000024	BAS\$MSGDEF	
BAS\$K_STANOTFOU	00000047	BAS\$MSGDEF	
BAS\$K_STO	0000007B	BAS\$MSGDEF	
BAS\$K_STRIMANUM	000000EB	BAS\$MSGDEF	
BAS\$K_STRIS_NEE	00000063	BAS\$MSGDEF	
BAS\$K_STRTOOLON	000000E3	BAS\$MSGDEF	
BAS\$K_SUBOUTRAN	00000037	BAS\$MSGDEF	BAS\$MAT_REDIM
BAS\$K_SYNERR	00000062	BAS\$MSGDEF	
BAS\$K_TAPBOTDET	00000081	BAS\$MSGDEF	
BAS\$K_TAPNOTANS	00000092	BAS\$MSGDEF	
BAS\$K_TAPRECNOT	00000080	BAS\$MSGDEF	
BAS\$K_TERFORFIL	000000A4	BAS\$MSGDEF	
BAS\$K_TIMLIMEXC	000000EC	BAS\$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$K_TOOFEWARG	00000061	BAS$MSGDEF	
BAS$K_TOOLITDAT	000000BD	BAS$MSGDEF	
BAS$K_TOOMANARG	00000059	BAS$MSGDEF	
BAS$K_TOOMANOPE	00000011	BAS$MSGDEF	
BAS$K_TOOMUCDAT	000000B1	BAS$MSGDEF	
BAS$K_UNAREMVAR	000000B8	BAS$MSGDEF	
BAS$K_UNDFUNCAL	0000004A	BAS$MSGDEF	
BAS$K_UNEFILDAT	000000B3	BAS$MSGDEF	
BAS$K_UNUERR068	00000044	BAS$MSGDEF	
BAS$K_UNUERR069	00000045	BAS$MSGDEF	
BAS$K_UNUERR070	00000046	BAS$MSGDEF	
BAS$K_UNUERR169	000000A9	BAS$MSGDEF	
BAS$K_UNUERR190	000000BE	BAS$MSGDEF	
BAS$K_UNUERR191	000000BF	BAS$MSGDEF	
BAS$K_UNUERR192	000000C0	BAS$MSGDEF	
BAS$K_UNUERR193	000000C1	BAS$MSGDEF	
BAS$K_UNUERR194	000000C2	BAS$MSGDEF	
BAS$K_UNUERR195	000000C3	BAS$MSGDEF	
BAS$K_UNUERR196	000000C4	BAS$MSGDEF	
BAS$K_UNUERR197	000000C5	BAS$MSGDEF	
BAS$K_UNUERR198	000000C6	BAS$MSGDEF	
BAS$K_UNUERR199	000000C7	BAS$MSGDEF	
BAS$K_UNUERR200	000000C8	BAS$MSGDEF	
BAS$K_UNUERR201	000000C9	BAS$MSGDEF	
BAS$K_UNUERR202	000000CA	BAS$MSGDEF	
BAS$K_UNUERR203	000000CB	BAS$MSGDEF	
BAS$K_UNUERR204	000000CC	BAS$MSGDEF	
BAS$K_UNUERR205	000000CD	BAS$MSGDEF	
BAS$K_UNUERR206	000000CE	BAS$MSGDEF	
BAS$K_UNUERR207	000000CF	BAS$MSGDEF	
BAS$K_UNUERR208	000000D0	BAS$MSGDEF	
BAS$K_UNUERR209	000000D1	BAS$MSGDEF	
BAS$K_UNUERR210	000000D2	BAS$MSGDEF	
BAS$K_UNUERR211	000000D3	BAS$MSGDEF	
BAS$K_UNUERR212	000000D4	BAS$MSGDEF	
BAS$K_UNUERR213	000000D5	BAS$MSGDEF	
BAS$K_UNUERR214	000000D6	BAS$MSGDEF	
BAS$K_UNUERR215	000000D7	BAS$MSGDEF	
BAS$K_UNUERR216	000000D8	BAS$MSGDEF	
BAS$K_UNUERR217	000000D9	BAS$MSGDEF	
BAS$K_UNUERR218	000000DA	BAS$MSGDEF	
BAS$K_UNUERR219	000000DB	BAS$MSGDEF	
BAS$K_UNUERR220	000000DC	BAS$MSGDEF	
BAS$K_UNUERR221	000000DD	BAS$MSGDEF	
BAS$K_UNUERR222	000000DE	BAS$MSGDEF	
BAS$K_UNUERR223	000000DF	BAS$MSGDEF	
BAS$K_UNUERR224	000000E0	BAS$MSGDEF	
BAS$K_UNUERR225	000000E1	BAS$MSGDEF	
BAS$K_UNUERR226	000000E2	BAS$MSGDEF	
BAS$K_UNUERR254	000000FE	BAS$MSGDEF	
BAS$K_UNUERR255	000000FF	BAS$MSGDEF	
BAS$K_USEDATERR	0000000D	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$K_VAXBAS	00000000	BAS$MSGDEF	
BAS$K_VIRARRDIS	0000002B	BAS$MSGDEF	
BAS$K_VIRARROPE	0000002D	BAS$MSGDEF	
BAS$K_VIRBUFTOO	0000002A	BAS$MSGDEF	
BAS$K_WHA	0000006D	BAS$MSGDEF	
BAS$K_WROMATPAC	0000007D	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...		
BAS$MAT_ADD	000000A0-RU	BAS$MAT_ADD	BAS$VECTR2		
BAS$MAT_ASSIGN	00006D04-RU	BAS$MAT_ASSIGN	BAS$MAT_INV	BAS$VECTR2	
BAS$MAT_IDN	0000CD80-RU	BAS$MAT_IDN	BAS$VECTR2		
BAS$MAT_INIT	0000D4B0-RU	BAS$MAT_INIT	BAS$VECTR2		
BAS$MAT_INV	0000DDC8-RU	BAS$MAT_INV	BAS$VECTR2		
BAS$MAT_MUL	00017660-RU	BAS$MAT_MUL	BAS$VECTR2		
BAS$MAT_NULL	0001EB40-RU	BAS$MAT_NULL	BAS$VECTR2		
BAS$MAT_REDIM	0001EBC8-RU	BAS$MAT_REDIM	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
			BAS$VECTR2		
BAS$MAT_SCA_MUL	0001ECB4-RU	BAS$MAT_SCA_MUL	BAS$VECTR2		
BAS$MAT_SUB	00022C70-RU	BAS$MAT_SUB	BAS$VECTR2		
BAS$MAT_TRN	000298CC-RU	BAS$MAT_TRN	BAS$VECTR2		
BAS$NOECHO	00032E68-RX	BASRTL	BAS$SYS		
BAS$NOT_IMP	0002F890-RU	BAS$NOT_IMP	BAS$VECTR2		
BAS$ONECHR	0002F8A0-RU	BAS$ONECHR	BAS$SYS	BAS$VECTR2	
BAS$PEEK	0002F890-RU	BAS$NOT_IMP			
BAS$RCTRLO	00032E58-RX	BASRTL			
BAS$STORE_BFA	00032EC0-RX	BASRTL	BAS$SYS		
			BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_NULL	BAS$MAT_SCA_MUL	BAS$MAT_SUB
			BAS$MAT_TRN		
BAS$STO_FA_B_R8	00032E90-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_D_R8	00032EA0-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_F_R8	00032EA8-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_G_R8	00032E8C-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_H_R8	00032E88-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_L_R8	00032EB0-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$STO_FA_W_R8	00032EB8-RX	BASRTL	BAS$MAT_ADD	BAS$MAT_ASSIGN	BAS$MAT_IDN
			BAS$MAT_INIT	BAS$MAT_INV	BAS$MAT_MUL
			BAS$MAT_SCA_MUL	BAS$MAT_SUB	BAS$MAT_TRN
BAS$SYS	0002FAE8-RU	BAS$SYS	BAS$VECTR2		
BAS$_ACCDEVUSE	001A801A	BAS$MSGDEF			
BAS$_ARGDONMAT	001A82C4	BAS$MSGDEF			

Symbol	Value	Defined By	Referenced By ...
BAS$_ARGOUTBOU	001A87CA	BAS$MSGDEF	
BAS$_ARGTOOLAR	001A818A	BAS$MSGDEF	
BAS$_ARRMUSSAM	001A8772	BAS$MSGDEF	
BAS$_ARRMUSSQU	001A877A	BAS$MSGDEF	
BAS$_BADDIRDEV	001A800A	BAS$MSGDEF	
BAS$_BADLINNUM	001A8374	BAS$MSGDEF	
BAS$_BADNUMPRI	001A83B4	BAS$MSGDEF	
BAS$_BADRECIDE	001A847A	BAS$MSGDEF	
BAS$_BADRECVAL	001A84A2	BAS$MSGDEF	
BAS$_CANCHAARR	001A8782	BAS$MSGDEF	
BAS$_CANCOMSTA	001A82B2	BAS$MSGDEF	
BAS$_CANCON	001A8394	BAS$MSGDEF	
BAS$_CANFINFIL	001A802A	BAS$MSGDEF	
BAS$_CANINVMAT	001A81C2	BAS$MSGDEF	
BAS$_CANOPEFIL	001A8512	BAS$MSGDEF	
BAS$_CANPOSEOF	001A852A	BAS$MSGDEF	
BAS$_CHATO_NON	001A879A	BAS$MSGDEF	
BAS$_CORFILSTR	001A80EA	BAS$MSGDEF	
BAS$_DATFORERR	001A8190	BAS$MSGDEF	
BAS$_DATTYPERR	001A832C	BAS$MSGDEF	
BAS$_DECERR	001A85AA	BAS$MSGDEF	
BAS$_DEFWITFNE	001A82F4	BAS$MSGDEF	
BAS$_DEVHUNWRI	001A8072	BAS$MSGDEF	
BAS$_DEVNOTAVA	001A3042	BAS$MSGDEF	
BAS$_DEVNOTFIL	001A80F2	BAS$MSGDEF	
BAS$_DIFUSELON	001A872C	BAS$MSGDEF	
BAS$_DIRERR	001A87EA	BAS$MSGDEF	
BAS$_DISBLOINT	001A809A	BAS$MSGDEF	
BAS$_DISERRDUR	001A812C	BAS$MSGDEF	
BAS$_DISPACLOC	001A80B2	BAS$MSGDEF	
BAS$_DISPACNEE	001A80CA	BAS$MSGDEF	
BAS$_DISPACNOT	001A80AA	BAS$MSGDEF	
BAS$_DISPACPRI	001A80C2	BAS$MSGDEF	
BAS$_DIVBY_ZER	001A81EA	BAS$MSGDEF	
BAS$_DUPKEYDET	001A8432	BAS$MSGDEF	
BAS$_ENDFILDEV	001A805A	BAS$MSGDEF	
BAS$_ENDOF_STA	001A8364	BAS$MSGDEF	
BAS$_ERRTRANEE	001A87B4	BAS$MSGDEF	
BAS$_EXEONLFIL	001A8384	BAS$MSGDEF	
BAS$_EXPERR	001A87A2	BAS$MSGDEF	
BAS$_EXPTOOCOM	001A82BC	BAS$MSGDEF	
BAS$_EXRMSSHR	001A8592	BAS$MSGDEF	
BAS$_FAIDISPAC	001A80D2	BAS$MSGDEF	
BAS$_FATSYSIO	001A8062	BAS$MSGDEF	
BAS$_FIEOVEBUF	001A81FA	BAS$MSGDEF	
BAS$_FILACPFAI	001A87E2	BAS$MSGDEF	
BAS$_FILATTNOT	001A8502	BAS$MSGDEF	
BAS$_FILEXIREN	001A839C	BAS$MSGDEF	
BAS$_FILEXPDAT	001A8572	BAS$MSGDEF	
BAS$_FILIS_LOC	001A8452	BAS$MSGDEF	
BAS$_FIRARGSEQ	001A876A	BAS$MSGDEF	
BAS$_FLOOVE	001A878A	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$_FLOPOIERR	001A8182	BAS$MSGDEF	
BAS$_FLOUND	001A8792	BAS$MSGDEF	
BAS$_FNEWITDEF	001A82FC	BAS$MSGDEF	
BAS$_FNEWITFUN	001A824C	BAS$MSGDEF	
BAS$_FORFILUSE	001AFFAB	BAS$MSGDEF	
BAS$_FORWITNEX	001A82E4	BAS$MSGDEF	
BAS$_ILLALLCLA	001A8542	BAS$MSGDEF	
BAS$_ILLARGLOG	001A81AA	BAS$MSGDEF	
BAS$_ILLBYTCOU	001A80FA	BAS$MSGDEF	
BAS$_ILLCLUSIZ	001A80BA	BAS$MSGDEF	
BAS$_ILLCONCLA	001A8284	BAS$MSGDEF	
BAS$_ILLDEFNES	001A82DC	BAS$MSGDEF	
BAS$_ILLDUMVAR	001A8294	BAS$MSGDEF	
BAS$_ILLEXIDEF	001A87AC	BAS$MSGDEF	
BAS$_ILLEXP	001A826C	BAS$MSGDEF	
BAS$_ILLFIEVAR	001A83D4	BAS$MSGDEF	
BAS$_ILLFILNAM	001A8012	BAS$MSGDEF	BPA$FSS
BAS$_ILLFN_RED	001A829C	BAS$MSGDEF	
BAS$_ILLFUNNAM	001A828C	BAS$MSGDEF	
BAS$_ILLIF_STA	001A827C	BAS$MSGDEF	
BAS$_ILLILLACC	001A8442	BAS$MSGDEF	
BAS$_ILLIN_IMM	001A83BC	BAS$MSGDEF	
BAS$_ILLIO_CHA	001A8172	BAS$MSGDEF	
BAS$_ILLKEYATT	001A844A	BAS$MSGDEF	
BAS$_ILLLINNUM	001A82A4	BAS$MSGDEF	
BAS$_ILLMAGUSA	001A820A	BAS$MSGDEF	
BAS$_ILLMODMIX	001A8274	BAS$MSGDEF	BPA$FSS
BAS$_ILLNUM	001A81A2	BAS$MSGDEF	
BAS$_ILLNUMIMA	001A874A	BAS$MSGDEF	
BAS$_ILLOPE	001A846A	BAS$MSGDEF	
BAS$_ILLRECACC	001A84C2	BAS$MSGDEF	
BAS$_ILLRECFIL	001A8472	BAS$MSGDEF	
BAS$_ILLRECFOR	001A853A	BAS$MSGDEF	
BAS$_ILLRECLOC	001A85DC	BAS$MSGDEF	
BAS$_ILLRESSUB	001A87BC	BAS$MSGDEF	
BAS$_ILLRETSUB	001A87C2	BAS$MSGDEF	
BAS$_ILLSTA	001A83CC	BAS$MSGDEF	BPA$FSS
BAS$_ILLSTRIMA	001A873A	BAS$MSGDEF	
BAS$_ILLSWIUSA	001A821A	BAS$MSGDEF	
BAS$_ILLSYM	001A825C	BAS$MSGDEF	
BAS$_ILLSYSUSA	001A8092	BAS$MSGDEF	
BAS$_ILLUSA	001A843A	BAS$MSGDEF	
BAS$_ILLUSADEV	001A842A	BAS$MSGDEF	
BAS$_ILLVER	001A8264	BAS$MSGDEF	
BAS$_IMASQUROO	001A81B2	BAS$MSGDEF	
BAS$_IMPERRHAN	001A85D4	BAS$MSGDEF	
BAS$_INCFUNUSA	001A82DA	BAS$MSGDEF	
BAS$_INCSUBUSE	001A8350	BAS$MSGDEF	
BAS$_INDNOTFUL	001A8552	BAS$MSGDEF	
BAS$_INDNOTINI	001A8462	BAS$MSGDEF	
BAS$_INTERR	001A819A	BAS$MSGDEF	
BAS$_INTOVEFOR	001A81E2	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$_INVFILOPT	001A845A	BAS$MSGDEF	
BAS$_INVKEYREF	001A8482	BAS$MSGDEF	
BAS$_INVRFAFIE	001A856A	BAS$MSGDEF	
BAS$_IO_CHAALR	001A803A	BAS$MSGDEF	
BAS$_IO_CHANOT	001A804A	BAS$MSGDEF	
BAS$_IO_TO_DET	001A80DA	BAS$MSGDEF	
BAS$_KEYFIEBEY	001A84BA	BAS$MSGDEF	
BAS$_KEYLARTHA	001A84FA	BAS$MSGDEF	
BAS$_KEYNOTCHA	001A8412	BAS$MSGDEF	
BAS$_KEYSIZTOO	001A848A	BAS$MSGDEF	
BAS$_KEYWAIEXH	001A807A	BAS$MSGDEF	
BAS$_LINTOOLON	001A817A	BAS$MSGDEF	
BAS$_LITSTRNEE	001A8304	BAS$MSGDEF	
BAS$_MAGRECLEN	001A8142	BAS$MSGDEF	
BAS$_MAGSELERR	001A813A	BAS$MSGDEF	
BAS$_MATARRTOO	001A8162	BAS$MSGDEF	
BAS$_MATARRWIT	001A83AC	BAS$MSGDEF	
BAS$_MATDIMERR	001A83E4	BAS$MSGDEF	
BAS$_MAXMEMEXC	001A83F4	BAS$MSGDEF	
BAS$_MEMMANVIO	001A811C	BAS$MSGDEF	
BAS$_MEMPARFAI	001A8134	BAS$MSGDEF	
BAS$_MISSPEFEA	001A8212	BAS$MSGDEF	
BAS$_MODERR	001A82AC	BAS$MSGDEF	
BAS$_MOVOVEBUF	001A850A	BAS$MSGDEF	
BAS$_NAMACCNOW	001A8082	BAS$MSGDEF	
BAS$_NEGFILSTR	001A8532	BAS$MSGDEF	
BAS$_NEGZERTAB	001A8580	BAS$MSGDEF	
BAS$_NETOPEREJ	001A85B2	BAS$MSGDEF	
BAS$_NEXWITFOR	001A82EC	BAS$MSGDEF	
BAS$_NODNAMERR	001A857A	BAS$MSGDEF	
BAS$_NONRESRUN	001A814A	BAS$MSGDEF	
BAS$_NOSUPFOR	001A85A2	BAS$MSGDEF	
BAS$_NOTENDFIL	001A84AA	BAS$MSGDEF	
BAS$_NOTENOAVA	001A837C	BAS$MSGDEF	
BAS$_NOTENODAT	001A81DA	BAS$MSGDEF	
BAS$_NOTIMP	001A87D2	BAS$MSGDEF	
BAS$_NOTRANACC	001A8202	BAS$MSGDEF	
BAS$_NOTVALDEV	001A8032	BAS$MSGDEF	
BAS$_NO_BUFSPA	001A8102	BAS$MSGDEF	
BAS$_NO_CURREC	001A841A	BAS$MSGDEF	
BAS$_NO_FIEIMA	001A8732	BAS$MSGDEF	
BAS$_NO_FILNAM	001A851A	BAS$MSGDEF	
BAS$_NO_PRIKEY	001A84B2	BAS$MSGDEF	
BAS$_NO_ROOUSE	001A8022	BAS$MSGDEF	
BAS$_NO_RUNSYS	001A81F2	BAS$MSGDEF	
BAS$_NULIMA	001A8742	BAS$MSGDEF	
BAS$_NUMIMASTR	001A8752	BAS$MSGDEF	
BAS$_NUMIS_NEE	001A8324	BAS$MSGDEF	
BAS$_ODDADDTRA	001A810A	BAS$MSGDEF	
BAS$_ONEOR_TWO	001A8334	BAS$MSGDEF	
BAS$_ON_CHAFIL	001AFFC3	BAS$MSGDEF	
BAS$_ON_STANEE	001A835C	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$_ON_STAOUT	001A81D2	BAS$MSGDEF	
BAS$_OUTOF_DAT	001A81CA	BAS$MSGDEF	
BAS$_PACIDSDON	001A80A2	BAS$MSGDEF	
BAS$_PLEUSERUN	001A838C	BAS$MSGDEF	
BAS$_PRIKEYOUT	001A84F2	BAS$MSGDEF	
BAS$_PRIUSIBUF	001A83C4	BAS$MSGDEF	
BAS$_PRIUSIFOR	001A83A4	BAS$MSGDEF	
BAS$_PROC__TRA	001A80E2	BAS$MSGDEF	
BAS$_PROLOSSOR	001A833C	BAS$MSGDEF	
BAS$_PROVIO	001A8052	BAS$MSGDEF	
BAS$_RECALREXI	001A84CA	BAS$MSGDEF	
BAS$_RECATTNOT	001A8722	BAS$MSGDEF	
BAS$_RECBUCLOC	001A84D2	BAS$MSGDEF	
BAS$_RECFILTOO	001A84EA	BAS$MSGDEF	
BAS$_RECHASBEE	001A8422	BAS$MSGDEF	
BAS$_RECLOCFAI	001A8562	BAS$MSGDEF	
BAS$_RECNOTFOU	001A84DA	BAS$MSGDEF	
BAS$_RECNUMEXC	001A849A	BAS$MSGDEF	
BAS$_RECOVEMAP	001A85CC	BAS$MSGDEF	
BAS$_RECSUBCAL	001A87DA	BAS$MSGDEF	
BAS$_REDARR	001A834A	BAS$MSGDEF	
BAS$_REMOVEBUF	001A85BA	BAS$MSGDEF	
BAS$_REQRECSIZ	001A85E2	BAS$MSGDEF	
BAS$_RESINSTRA	001A8114	BAS$MSGDEF	
BAS$_RESNO_ERR	001A8344	BAS$MSGDEF	
BAS$_RETWITGOS	001A8244	BAS$MSGDEF	
BAS$_RRVNOTFUL	001A855A	BAS$MSGDEF	
BAS$_SCAFACINT	001A83FC	BAS$MSGDEF	
BAS$_SIZRECINV	001A84E2	BAS$MSGDEF	
BAS$_SP_STAOVE	001A8124	BAS$MSGDEF	
BAS$_STANOTFOU	001A823C	BAS$MSGDEF	
BAS$_STO	001A83DB	BAS$MSGDEF	
BAS$_STRIMANUM	001A875A	BAS$MSGDEF	
BAS$_STRIS_NEE	001A831C	BAS$MSGDEF	
BAS$_STRTOOLON	001A871A	BAS$MSGDEF	
BAS$_SUBOUTRAN	001A81BA	BAS$MSGDEF	
BAS$_SYNERR	001A8314	BAS$MSGDEF	
BAS$_TAPBOTDET	001A840A	BAS$MSGDEF	
BAS$_TAPNOTANS	001A8492	BAS$MSGDEF	
BAS$_TAPRECNOT	001A8402	BAS$MSGDEF	
BAS$_TERFORFIL	001A8522	BAS$MSGDEF	
BAS$_TIMLIMEXC	001A8762	BAS$MSGDEF	
BAS$_TOOFEWARG	001A830C	BAS$MSGDEF	
BAS$_TOOLITDAT	001A85E8	BAS$MSGDEF	
BAS$_TOOMANARG	001A82CC	BAS$MSGDEF	
BAS$_TOOMANOPE	001A808A	BAS$MSGDEF	
BAS$_TOOMUCDAT	001A8588	BAS$MSGDEF	
BAS$_UNAREMVAR	001A85C4	BAS$MSGDEF	
BAS$_UNDFUNCAL	001A8254	BAS$MSGDEF	
BAS$_UNEFILDAT	001A859A	BAS$MSGDEF	
BAS$_UNUERRO68	001A8224	BAS$MSGDEF	
BAS$_UNUERRO69	001A822C	BAS$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
BAS$_UNUERR070	001A8234	BAS$MSGDEF	
BAS$_UNUERR169	001A854C	BAS$MSGDEF	
BAS$_UNUERR190	001A85F4	BAS$MSGDEF	
BAS$_UNUERR191	001A85FC	BAS$MSGDEF	
BAS$_UNUERR192	001A8604	BAS$MSGDEF	
BAS$_UNUERR193	001A860C	BAS$MSGDEF	
BAS$_UNUERR194	001A8614	BAS$MSGDEF	
BAS$_UNUERR195	001A861C	BAS$MSGDEF	
BAS$_UNUERR196	001A8624	BAS$MSGDEF	
BAS$_UNUERR197	001A862C	BAS$MSGDEF	
BAS$_UNUERR198	001A8634	BAS$MSGDEF	
BAS$_UNUERR199	001A863C	BAS$MSGDEF	
BAS$_UNUERR200	001A8644	BAS$MSGDEF	
BAS$_UNUERR201	001A864C	BAS$MSGDEF	
BAS$_UNUERR202	001A8654	BAS$MSGDEF	
BAS$_UNUERR203	001A865C	BAS$MSGDEF	
BAS$_UNUERR204	001A8664	BAS$MSGDEF	
BAS$_UNUERR205	001A866C	BAS$MSGDEF	
BAS$_UNUERR206	001A8674	BAS$MSGDEF	
BAS$_UNUERR207	001A867C	BAS$MSGDEF	
BAS$_UNUERR208	001A8684	BAS$MSGDEF	
BAS$_UNUERR209	001A868C	BAS$MSGDEF	
BAS$_UNUERR210	001A8694	BAS$MSGDEF	
BAS$_UNUERR211	001A869C	BAS$MSGDEF	
BAS$_UNUERR212	001A86A4	BAS$MSGDEF	
BAS$_UNUERR213	001A86AC	BAS$MSGDEF	
BAS$_UNUERR214	001A86B4	BAS$MSGDEF	
BAS$_UNUERR215	001A86BC	BAS$MSGDEF	
BAS$_UNUERR216	001A86C4	BAS$MSGDEF	
BAS$_UNUERR217	001A86CC	BAS$MSGDEF	
BAS$_UNUERR218	001A86D4	BAS$MSGDEF	
BAS$_UNUERR219	001A86DC	BAS$MSGDEF	
BAS$_UNUERR220	001A86E4	BAS$MSGDEF	
BAS$_UNUERR221	001A86EC	BAS$MSGDEF	
BAS$_UNUERR222	001A86F4	BAS$MSGDEF	
BAS$_UNUERR223	001A86FC	BAS$MSGDEF	
BAS$_UNUERR224	001A8704	BAS$MSGDEF	
BAS$_UNUERR225	001A870C	BAS$MSGDEF	
BAS$_UNUERR226	001A8714	BAS$MSGDEF	
BAS$_UNUERR254	001A87F4	BAS$MSGDEF	
BAS$_UNUERR255	001A87FC	BAS$MSGDEF	
BAS$_USEDATERR	001A806A	BAS$MSGDEF	
BAS$_VAXBAS	001A8003	BAS$MSGDEF	
BAS$_VIRARRDIS	001A815A	BAS$MSGDEF	
BAS$_VIRARROPE	001A816A	BAS$MSGDEF	
BAS$_VIRBUFTOO	001A8152	BAS$MSGDEF	
BAS$_WHA	001A836B	BAS$MSGDEF	
BAS$_WROMATPAC	001A83EC	BAS$MSGDEF	
BPA$$MOVTUC	00030C00-R	BPA$$MOVTUC	BPA$FSS
BPA$AL_USRPPN	00032A28-R	BPA$FSS	BPA$ASSDEAS
BPA$ASCII	00030F77-R	BPA$ASSDEAS	
BPA$ASSIGN	00030C2C-R	BPA$ASSDEAS	BAS$SYS

Symbol	Value	Defined By	Referenced By ...		
------	-----	----------	-----------------		
BPA$A_MSG	00032A30-R	BPA$MESAG			
BPA$DEASSIGN	00030D71-R	BPA$ASSDEAS	BAS$SYS		
BPA$DEASS_ALL	00030E14-R	BPA$ASSDEAS	BAS$SYS		
BPA$FREE_BLOCK	00032308-R	BPA$GETFREBLK	BAS$SYS	BPA$ASSDEAS	BPA$FSS
BPA$FSS	00031232-R	BPA$FSS	BAS$SYS		
BPA$GB_USR_PROT	00032A20-R	BPA$FSS	BPA$ASSDEAS		
BPA$GB_USR_REAL	00032A24-R	BPA$FSS	BPA$ASSDEAS		
BPA$GET_BLOCK	000322E4-R	BPA$GETFREBLK	BPA$ASSDEAS	BPA$FSS	
BPA$MESAG	00032318-R	BPA$MESAG	BAS$SYS		
BPA$MESS_CLEAR	000328A1-R	BPA$MESAG			
BPA$SET_DEF	0002F890-RU	BAS$NOT_IMP	BAS$SYS		
BPA$SET_PRI	000328F4-R	BPA$SET_PRI	BAS$SYS		
BPA$WAKEUP	00032920-R	BPA$WAKEUP	BPA$MESAG		
LIB$$ADDP_R7	0002FF50-R	LIB$$ADDP_R7			
LIB$FREE_EF	00032EF4-RX	LIBRTL	BPA$MESAG		
LIB$FREE_VM	00032F00-RX	LIBRTL	BPA$GETFREBLK	OTS$$CCB	
LIB$GET_COMMON	00032EE8-RX	LIBRTL	BAS$SYS		
LIB$GET_EF	00032EF0-RX	LIBRTL	BPA$MESAG		
LIB$GET_VM	00032F04-RX	LIBRTL	BPA$GETFREBLK	OTS$$CCB	
LIB$PUT_COMMON	00032EEC-RX	LIBRTL	BAS$SYS		
LIB$SIGNAL	00032EFC-RX	LIBRTL	BPA$ASSDEAS	BPA$FSS	BPA$MESAG
			BPA$SET_PRI	BPA$WAKEUP	
LIB$STOP	00032EF8-RX	LIBRTL	BAS$SYS	OTS$$CCB	
LIB$_AMBKEY	0015823C	LIB$MSGDEF			
LIB$_AMBSYMDEF	00158374	LIB$MSGDEF			
LIB$_ATTCONSTO	0015827C	LIB$MSGDEF			
LIB$_ATTREQREF	00158394	LIB$MSGDEF			
LIB$_BADBLOADR	00158264	LIB$MSGDEF			
LIB$_BADBLOSIZ	0015826C	LIB$MSGDEF			
LIB$_BADCCC	0015C000	LIB$MSGDEF			
LIB$_BADSTA	00158204	LIB$MSGDEF			
LIB$_BADTAGVAL	001583B4	LIB$MSGDEF			
LIB$_DECOVF	0015833C	LIB$MSGDEF			
LIB$_DESSTROVF	0015832C	LIB$MSGDEF			
LIB$_EF_ALRFRE	0015829C	LIB$MSGDEF			
LIB$_EF_ALRRES	001582A4	LIB$MSGDEF			
LIB$_EF_RESSYS	001582AC	LIB$MSGDEF			
LIB$_EOMERROR	0015C008	LIB$MSGDEF			
LIB$_EOMFATAL	0015C010	LIB$MSGDEF			
LIB$_EOMWARN	0015C018	LIB$MSGDEF			
LIB$_ERRROUCAL	00158029	LIB$MSGDEF			
LIB$_FACILITY	00000015	LIB$MSGDEF			
LIB$_FATERRLIB	0015820C	LIB$MSGDEF			
LIB$_FILFAIMAT	0015900B	LIB$MSGDEF			
LIB$_FLTOVF	00158344	LIB$MSGDEF			
LIB$_FLTUND	0015834C	LIB$MSGDEF			
LIB$_GSDTYP	0015C020	LIB$MSGDEF			
LIB$_ILLFMLCNT	0015C028	LIB$MSGDEF			
LIB$_ILLMODNAM	0015C030	LIB$MSGDEF			
LIB$_ILLPSCLEN	0015C038	LIB$MSGDEF			
LIB$_ILLRECLEN	0015C040	LIB$MSGDEF			
LIB$_ILLRECLN2	0015C048	LIB$MSGDEF			

Symbol	Value	Defined By	Referenced By ...
LIB$_ILLRECTY2	0015C058	LIB$MSGDEF	
LIB$_ILLRECTYP	0015C050	LIB$MSGDEF	
LIB$_ILLSYMLEN	0015C060	LIB$MSGDEF	
LIB$_INPSTRTRU	0015821C	LIB$MSGDEF	
LIB$_INSCLIMEM	0015836C	LIB$MSGDEF	
LIB$_INSEF	00158294	LIB$MSGDEF	
LIB$_INSLUN	001582B4	LIB$MSGDEF	
LIB$_INSVIRMEM	00158214	LIB$MSGDEF	
LIB$_INTLOGERR	0015822C	LIB$MSGDEF	
LIB$_INTOVF	00158334	LIB$MSGDEF	
LIB$_INVARG	00158234	LIB$MSGDEF	
LIB$_INVCHA	001582E4	LIB$MSGDEF	
LIB$_INVCLADSC	00158314	LIB$MSGDEF	
LIB$_INVCLADTY	0015831C	LIB$MSGDEF	
LIB$_INVCVT	00158304	LIB$MSGDEF	
LIB$_INVDTYDSC	0015830C	LIB$MSGDEF	
LIB$_INVFILSPE	0015839C	LIB$MSGDEF	
LIB$_INVNBDS	00158324	LIB$MSGDEF	
LIB$_INVOPEZON	001583BC	LIB$MSGDEF	
LIB$_INVSCRPOS	001582D4	LIB$MSGDEF	
LIB$_INVSTRDES	00158224	LIB$MSGDEF	
LIB$_INVSYMNAM	0015838C	LIB$MSGDEF	
LIB$_INVTYPE	0015828C	LIB$MSGDEF	
LIB$_INVXAB	001583A4	LIB$MSGDEF	
LIB$_KEYALRINS	00158021	LIB$MSGDEF	
LIB$_KEYNOTFOU	001582FC	LIB$MSGDEF	
LIB$_LUNALRFRE	001582BC	LIB$MSGDEF	
LIB$_LUNRESSYS	001582C4	LIB$MSGDEF	
LIB$_NEGANS	00159010	LIB$MSGDEF	
LIB$_NOCLI	0015837C	LIB$MSGDEF	
LIB$_NOEOM	0015C068	LIB$MSGDEF	
LIB$_NORMAL	00158001	LIB$MSGDEF	
LIB$_NOSUCHSYM	00158364	LIB$MSGDEF	
LIB$_NOTFOU	00158274	LIB$MSGDEF	
LIB$_NO_STRACT	001583AC	LIB$MSGDEF	
LIB$_ONEENTQUE	00158019	LIB$MSGDEF	
LIB$_OUTSTRTRU	00159000	LIB$MSGDEF	
LIB$_PAGLIMEXC	001583C4	LIB$MSGDEF	
LIB$_PUSSTAOVE	0015824C	LIB$MSGDEF	
LIB$_QUEWASEMP	001582EC	LIB$MSGDEF	
LIB$_QUICONACT	00159020	LIB$MSGDEF	
LIB$_QUIPRO	00159018	LIB$MSGDEF	
LIB$_RECTOOSML	0015C070	LIB$MSGDEF	
LIB$_RESTART	00158031	LIB$MSGDEF	
LIB$_ROPRAND	00158354	LIB$MSGDEF	
LIB$_SCRBUFOVF	001582CC	LIB$MSGDEF	
LIB$_SECINTFAI	001582DC	LIB$MSGDEF	
LIB$_SEQUENCE	0015C078	LIB$MSGDEF	
LIB$_SEQUENCE2	0015C080	LIB$MSGDEF	
LIB$_SIGNO_ARG	0015825C	LIB$MSGDEF	
LIB$_STRIS_INT	001582F4	LIB$MSGDEF	
LIB$_STRLVL	0015C088	LIB$MSGDEF	

Symbol	Value	Defined By	Referenced By ...
LIB$_STRTRU	00158011	LIB$MSGDEF	
LIB$_SYNTAXERR	00158284	LIB$MSGDEF	
LIB$_UNECLIERR	00158384	LIB$MSGDEF	
LIB$_UNRKEY	00158244	LIB$MSGDEF	
LIB$_USEFLORES	00158254	LIB$MSGDEF	
LIB$_WRONUMARG	0015835C	LIB$MSGDEF	
MTH$DINT_R4	00032F10-RX	MTHRTL	BAS$MAT_ADD BAS$MAT_ASSIGN BAS$MAT_INV
			BAS$MAT_MUL BAS$MAT_SCA_MUL BAS$MAT_SUB
			BAS$MAT_TRN
MTH$_FACILITY	00000016	MTH$MSGDEF	
MTH$_FLOOVEMAT	001682C4	MTH$MSGDEF	
MTH$_FLOUNDMAT	001682CC	MTH$MSGDEF	
MTH$_INVARGMAT	0016828C	MTH$MSGDEF	
MTH$_LOGZERNEG	0016829C	MTH$MSGDEF	
MTH$_SIGLOSMAT	001682BC	MTH$MSGDEF	
MTH$_SINCOSSIG	001682BC	MTH$MSGDEF	
MTH$_SQUROONEG	001682A4	MTH$MSGDEF	
MTH$_UNDEXP	00168294	MTH$MSGDEF	
MTH$_WRONUMARG	00168284	MTH$MSGDEF	
OTS$$AA_LUB_TAB	00030620-R	OTS$$CCB_DATA	OTS$$CCB
OTS$$A_CUR_CUB	00030618-R	OTS$$CCB_DATA	BPA$MESAG OTS$$CCB OTS$$TERM_IO
OTS$$CLOSE_FILE	000304A4-R	OTS$$CLOSE_FILE	
OTS$$FREE_CUN	0003058F-R	OTS$$LUN	OTS$$CCB
OTS$$GET_CUN	00030550-R	OTS$$LUN	
OTS$$L_COR_LUN	00030A30-R	OTS$$CCB_DATA	OTS$$CCB
OTS$$L_LVL_CTR	00030A34-R	OTS$$CCB_DATA	OTS$$CCB
OTS$$POP_CCB	00030430-R	OTS$$CCB	
OTS$$PUSH_CCB	000301B5-R	OTS$$CCB	
OTS$$TAKE_LUN	000305B3-R	OTS$$LUN	
OTS$$TERM_IO	000305D8-R	OTS$$TERM_IO	
OTS$$V_CCB_INIT	0003061C-R	OTS$$CCB_DATA	OTS$$CCB
OTS$$V_IOINPROG	00030A20-R	OTS$$CCB_DATA	OTS$$CCB
OTS$$V_LUN_OWNR	00030A38-R	OTS$$CCB_DATA	
OTS$_FACILITY	00000017	OTS$MSGDEF	
OTS$_FATINTERR	00178014	OTS$MSGDEF	BPA$ASSDEAS OTS$$CCB
OTS$_INPCONERR	0017802C	OTS$MSGDEF	
OTS$_INSVIRMEM	00178044	OTS$MSGDEF	
OTS$_INTDATCOR	0017801C	OTS$MSGDEF	
OTS$_INVSTRDES	0017800C	OTS$MSGDEF	
OTS$_IO_CONCLO	00178024	OTS$MSGDEF	
OTS$_OUTCONERR	00178034	OTS$MSGDEF	
OTS$_STRIS_INT	0017803C	OTS$MSGDEF	
OTS$_USEFLORES	00178400	OTS$MSGDEF	
OTS$_WRONUMARG	0017804C	OTS$MSGDEF	
R50ASC	00032976-R	COMSR50ASC	BAS$SYS
STR$CONCAT	00032ED0-RX	LIBRTL	BAS$SYS
STR$COPY_DX	00032ED8-RX	LIBRTL	BAS$SYS
STR$COPY_R	00032ED4-RX	LIBRTL	BAS$SYS
STR$FREE_DX	00032EE0-RX	LIBRTL	BAS$RSTS_CVT BAS$SYS
STR$FREE1_DX_R4	00032EDC-RX	LIBRTL	BAS$MAT_ASSIGN
STR$GET1_DX_	00032EE4-RX	LIBRTL	BAS$RSTS_CVT
STR$_DIVBY_ZER	0024804C	STR$MSGDEF	

Symbol	Value	Defined By	Referenced By ...		
STR$_FACILITY	00000024	STR$MSGDEF			
STR$_FATINTERR	00248044	STR$MSGDEF			
STR$_ILLSTRCLA	00248054	STR$MSGDEF			
STR$_ILLSTRPOS	00248409	STR$MSGDEF			
STR$_ILLSTRSPE	00248411	STR$MSGDEF			
STR$_INSVIRMEM	0024806C	STR$MSGDEF			
STR$_MATCH	00248419	STR$MSGDEF			
STR$_NEGSTRLEN	00248401	STR$MSGDEF			
STR$_NOMATCH	00248208	STR$MSGDEF			
STR$_NORMAL	00000001	STR$MSGDEF			
STR$_STRIS_INT	0024805C	STR$MSGDEF			
STR$_STRTOOLON	00248074	STR$MSGDEF			
STR$_TRU	00248200	STR$MSGDEF			
STR$_WRONUMARG	00248064	STR$MSGDEF			
SYS$ALLOC	7FFEDE38	SYS$P1_VECTOR	BPA$ASSDEAS		
SYS$ASSIGN	7FFEDE50	SYS$P1_VECTOR	BPA$MESAG		
SYS$CANWAK	7FFEDE70	SYS$P1_VECTOR	BPA$WAKEUP		
SYS$CLOSE	7FFEE1B8	SYS$P1_VECTOR	OTS$$CLOSE_FILE		
SYS$CRELOG	7FFEDEB0	SYS$P1_VECTOR	BPA$ASSDEAS	BPA$MESAG	
SYS$CREMBX	7FFEDEB8	SYS$P1_VECTOR	BPA$MESAG		
SYS$DALLOC	7FFEDED8	SYS$P1_VECTOR	BPA$ASSDEAS		
SYS$DASSGN	7FFEDEE0	SYS$P1_VECTOR	BPA$MESAG		
SYS$DCLEXH	7FFEDEF0	SYS$P1_VECTOR	BPA$ASSDEAS	BPA$MESAG	
SYS$DELLOG	7FFEDEF8	SYS$P1_VECTOR	BPA$ASSDEAS	BPA$MESAG	
SYS$DELMBX	7FFEDF00	SYS$P1_VECTOR	BPA$MESAG		
SYS$DISCONNECT	7FFEE1D0	SYS$P1_VECTOR	OTS$$CLOSE_FILE		
SYS$EXIT	7FFEDF40	SYS$P1_VECTOR	BAS$$SYS		
SYS$FAO	7FFEDF50	SYS$P1_VECTOR	BPA$MESAG		
SYS$GETCHN	7FFEE0C8	SYS$P1_VECTOR	BPA$MESAG		
SYS$HIBER	7FFEDF88	SYS$P1_VECTOR	BPA$MESAG		
SYS$PARSE	7FFEE230	SYS$P1_VECTOR	BPA$FSS		
SYS$QIOW	7FFEDE00	SYS$P1_VECTOR	BPA$MESAG		
SYS$SCHDWK	7FFEDFF0	SYS$P1_VECTOR	BPA$MESAG		
SYS$SETAST	7FFEDFF8	SYS$P1_VECTOR	BPA$ASSDEAS	BPA$MESAG	OTS$$CCB
SYS$SETPRI	7FFEE028	SYS$P1_VECTOR	BPA$SET_PRI		
SYS$TRNLOG	7FFEE058	SYS$P1_VECTOR	BPA$MESAG		
SYS$WAIT	7FFEE1A8	SYS$P1_VECTOR	OTS$$CCB		
SYS$WAKE	7FFEE080	SYS$P1_VECTOR	BPA$WAKEUP		

```
                              +---------------------+
                              ! Symbols By Value !
                              +---------------------+


Value                              Symbols...
-----                              ----------
00000000          BAS$K_VAXBAS
00000001          BAS$K_BADDIRDEV         STR$_NORMAL
00000002          BAS$K_ILLFILNAM
00000003          BAS$K_ACCDEVUSE
00000004          BAS$K_NO_ROOUSE
00000005          BAS$K_CANFINFIL
00000006          BAS$K_NOTVALDEV
00000007          BAS$K_IO_CHAALR
00000008          BAS$K_DEVNOTAVA
00000009          BAS$K_IO_CHANOT
0000000A          BAS$K_PROVIO
0000000B          BAS$K_ENDFILDEV
0000000C          BAS$K_FATSYSIO
0000000D          BAS$K_USEDATERR
0000000E          BAS$K_DEVHUNWRI
0000000F          BAS$K_KEYWAIEXH
00000010          BAS$K_NAMACCNOW
00000011          BAS$K_TOOMANOPE
00000012          BAS$K_ILLSYSUSA
00000013          BAS$K_DISBLOINT
00000014          BAS$K_PACIDSDON
00000015          BAS$K_DISPACNOT         LIB$_FACILITY
00000016          BAS$K_DISPACLOC         MTH$_FACILITY
00000017          BAS$K_ILLCLUSIZ         OTS$_FACILITY
00000018          BAS$K_DISPACPRI
00000019          BAS$K_DISPACNEE
0000001A          BAS$K_FAC_NO            BAS$K_FATDISPAC
0000001B          BAS$K_IO_TO_DET
0000001C          BAS$K_PROC_TRA
0000001D          BAS$K_CORFILSTR
0000001E          BAS$K_DEVNOTFIL
0000001F          BAS$K_ILLBYTCOU
00000020          BAS$K_NO_BUFSPA
00000021          BAS$K_ODDADDTRA
00000022          BAS$K_RESINSTRA
00000023          BAS$K_MEMMANVIO
00000024          BAS$K_SP_STAOVE         STR$_FACILITY
00000025          BAS$K_DISERRDUR
00000026          BAS$K_MEMPARFAI
00000027          BAS$K_MAGSELERR
00000028          BAS$K_MAGRECLEN
00000029          BAS$K_NONRESRUN
0000002A          BAS$K_VIRBUFTOO
0000002B          BAS$K_VIRARRDIS
0000002C          BAS$K_MATARRTOO
0000002D          BAS$K_VIRARROPE
0000002E          BAS$K_ILLIO_CHA
0000002F          BAS$K_LINTOOLON
00000030          BAS$K_FLOPOIERR
```

Value   Symbols...
-----   ----------
00000031   BAS$K_ARGTOOLAR
00000032   BAS$K_DATFORERR
00000033   BAS$K_INTERR
00000034   BAS$K_ILLNUM
00000035   BAS$K_ILLARGLOG
00000036   BAS$K_IMASQUROO
00000037   BAS$K_SUBOUTRAN
00000038   BAS$K_CANINVMAT
00000039   BAS$K_OUTOF_DAT
0000003A   BAS$K_ON_STAOUT
0000003B   BAS$K_NOTENODAT
0000003C   BAS$K_INTOVEFOR
0000003D   BAS$K_DIVBY_ZER
0000003E   BAS$K_NO_RUNSYS
0000003F   BAS$K_FIEOVEBUF
00000040   BAS$K_NOTRANACC
00000041   BAS$K_ILLMAGUSA
00000042   BAS$K_MISSPEFEA
00000043   BAS$K_ILLSWIUSA
00000044   BAS$K_UNUERRO68
00000045   BAS$K_UNUERRO69
00000046   BAS$K_UNUERRO70
00000047   BAS$K_STANOTFOU
00000048   BAS$K_RETWITGOS
00000049   BAS$K_FNEWITFUN
0000004A   BAS$K_UNDFUNCAL
0000004B   BAS$K_ILLSYM
0000004C   BAS$K_ILLVER
0000004D   BAS$K_ILLEXP
0000004E   BAS$K_ILLMODMIX
0000004F   BAS$K_ILLIF_STA
00000050   BAS$K_ILLCONCLA
00000051   BAS$K_ILLFUNNAM
00000052   BAS$K_ILLDUMVAR
00000053   BAS$K_ILLFN_RED
00000054   BAS$K_ILLLIRNUM
00000055   BAS$K_MODERR
00000056   BAS$K_CANCOMSTA
00000057   BAS$K_EXPTOOCOM
00000058   BAS$K_ARGDONMAT
00000059   BAS$K_TOOMANARG
0000005A   BAS$K_INCFUNUSA
0000005B   BAS$K_ILLDEFNES
0000005C   BAS$K_FORWITNEX
0000005D   BAS$K_NEXWITFOR
0000005E   BAS$K_DEFWITFNE
0000005F   BAS$K_FNEWITDEF
00000060   BAS$K_LITSTRNEE
00000061   BAS$K_TOOFEWARG
00000062   BAS$K_SYNERR
00000063   BAS$K_STRIS_NEE
00000064   BAS$K_NUMIS_NEE

Value

Value	Symbols...
00000065	BAS$K_DATTYPERR
00000066	BAS$K_ONEOR_TWO
00000067	BAS$K_PROLOSSOR
00000068	BAS$K_RESNO_ERR
00000069	BAS$K_REDARR
0000006A	BAS$K_INCSUBUSE
0000006B	BAS$K_ON_STANEE
0000006C	BAS$K_ENDOF_STA
0000006D	BAS$K_WHA
0000006E	BAS$K_BADLINNUM
0000006F	BAS$K_NOTENOAVA
00000070	BAS$K_EXEONLFIL
00000071	BAS$K_PLEUSERUN
00000072	BAS$K_CANCON
00000073	BAS$K_FILEXIREN
00000074	BAS$K_PRIUSIFOR
00000075	BAS$K_MATARRWIT
00000076	BAS$K_BADNUMPRI
00000077	BAS$K_ILLIN_IMM
00000078	BAS$K_PRIUSIBUF
00000079	BAS$K_ILLSTA
0000007A	BAS$K_ILLFIEVAR
0000007B	BAS$K_STO
0000007C	BAS$K_MATDIMERR
0000007D	BAS$K_WROMATPAC
0000007E	BAS$K_MAXMEMEXC
0000007F	BAS$K_SCAFACINT
00000080	BAS$K_TAPRECNOT
00000081	BAS$K_TAPBOTDET
00000082	BAS$K_KEYNOTCHA
00000083	BAS$K_NO_CURREC
00000084	BAS$K_RECHASBEE
00000085	BAS$K_ILLUSADEV
00000086	BAS$K_DUPKEYDET
00000087	BAS$K_ILLUSA
00000088	BAS$K_ILLILLACC
00000089	BAS$K_ILLKEYATT
0000008A	BAS$K_FILIS_LOC
0000008B	BAS$K_INVFILOPT
0000008C	BAS$K_INDNOTINI
0000008D	BAS$K_ILLOPE
0000008E	BAS$K_ILLRECFIL
0000008F	BAS$K_BADRECIDE
00000090	BAS$K_INVKEYREF
00000091	BAS$K_KEYSIZTOO
00000092	BAS$K_TAPNOTANS
00000093	BAS$K_RECNUMEXC
00000094	BAS$K_BADRECVAL
00000095	BAS$K_NOTENDFIL
00000096	BAS$K_NO_PRIKEY
00000097	BAS$K_KEYFIEBEY
00000098	BAS$K_ILLRECACC

Value   Symbols...
-----   ----------
00000099   BAS$K_RECALREXI
0000009A   BAS$K_RECBUCLOC
0000009B   BAS$K_RECNOTFOU
0000009C   BAS$K_SIZRECINV
0000009D   BAS$K_RECFILTOO
0000009E   BAS$K_PRIKEYOUT
0000009F   BAS$K_KEYLARTHA
000000A0   BAS$K_FILATTNOT   R-BAS$MAT_ADD
000000A1   BAS$K_MOVOVEBUF
000000A2   BAS$K_CANOPEFIL
000000A3   BAS$K_NO_FILNAM
000000A4   BAS$K_TERFORFIL
000000A5   BAS$K_CANPOSEOF
000000A6   BAS$K_NEGFILSTR
000000A7   BAS$K_ILLRECFOR
000000A8   BAS$K_ILLALLCLA
000000A9   BAS$K_UNUERR169
000000AA   BAS$K_INDNOTFUL
000000AB   BAS$K_RRVNOTFUL
000000AC   BAS$K_RECLOCFAI
000000AD   BAS$K_INVRFAFIE
000000AE   BAS$K_FILEXPDAT
000000AF   BAS$K_NODNAMERR
000000B0   BAS$K_NEGZERTAB
000000B1   BAS$K_TOOMUCDAT
000000B2   BAS$K_EXRMSSHR
000000B3   BAS$K_UNEFILDAT
000000B4   BAS$K_NOSUPFOR
000000B5   BAS$K_DECERR
000000B6   BAS$K_NETOPEREJ
000000B7   BAS$K_REMOVEBUF
000000B8   BAS$K_UNAREMVAR
000000B9   BAS$K_RECOVEMAP
000000BA   BAS$K_IMPERRHAN
000000BB   BAS$K_ILLRECLOC
000000BC   BAS$K_REQRECSIZ
000000BD   BAS$K_TOOLIITDAT
000000BE   BAS$K_UNUERR190
000000BF   BAS$K_UNUERR191
000000C0   BAS$K_UNUERR192
000000C1   BAS$K_UNUERR193
000000C2   BAS$K_UNUERR194
000000C3   BAS$K_UNUERR195
000000C4   BAS$K_UNUERR196
000000C5   BAS$K_UNUERR197
000000C6   BAS$K_UNUERR198
000000C7   BAS$K_UNUERR199
000000C8   BAS$K_UNUERR200
000000C9   BAS$K_UNUERR201
000000CA   BAS$K_UNUERR202
000000CB   BAS$K_UNUERR203
000000CC   BAS$K_UNUERR204

Value   Symbols...
-----   ----------

Value	Symbol
000000CD	BAS$K_UNUERR205
000000CE	BAS$K_UNUERR206
000000CF	BAS$K_UNUERR207
000000D0	BAS$K_UNUERR208
000000D1	BAS$K_UNUERR209
000000D2	BAS$K_UNUERR210
000000D3	BAS$K_UNUERR211
000000D4	BAS$K_UNUERR212
000000D5	BAS$K_UNUERR213
000000D6	BAS$K_UNUERR214
000000D7	BAS$K_UNUERR215
000000D8	BAS$K_UNUERR216
000000D9	BAS$K_UNUERR217
000000DA	BAS$K_UNUERR218
000000DB	BAS$K_UNUERR219
000000DC	BAS$K_UNUERR220
000000DD	BAS$K_UNUERR221
000000DE	BAS$K_UNUERR222
000000DF	BAS$K_UNUERR223
000000E0	BAS$K_UNUERR224
000000E1	BAS$K_UNUERR225
000000E2	BAS$K_UNUERR226
000000E3	BAS$K_STRTOOLON
000000E4	BAS$K_RECATTNOT
000000E5	BAS$K_DIFUSELON
000000E6	BAS$K_NO_FIEIMA
000000E7	BAS$K_ILLSTRIMA
000000E8	BAS$K_NULIMA
000000E9	BAS$K_ILLNUMIMA
000000EA	BAS$K_NUMIMASTR
000000EB	BAS$K_STRIMANUM
000000EC	BAS$K_TIMLIMEXC
000000ED	BAS$K_FIRARGSEQ
000000EE	BAS$K_ARRMUSSAM
000000EF	BAS$K_ARRMUSSQU
000000F0	BAS$K_CANCHAARR
000000F1	BAS$K_FLOOVE
000000F2	BAS$K_FLOUND
000000F3	BAS$K_CHATO_NON
000000F4	BAS$K_EXPERR
000000F5	BAS$K_ILLEXIDEF
000000F6	BAS$K_ERRTRANEE
000000F7	BAS$K_ILLRESSUB
000000F8	BAS$K_ILLRETSUB
000000F9	BAS$K_ARGOUTBOU
000000FA	BAS$K_NOTIMP
000000FB	BAS$K_RECSUBCAL
000000FC	BAS$K_FILACPFAI
000000FD	BAS$K_DIRERR
000000FE	BAS$K_UNUERR254
000000FF	BAS$K_UNUERR255
00006D04	R-BAS$MAT_ASSIGN

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Value	Symbols...		
0000CD80	R-BAS$MAT_IDN		
0000D4B0	R-BAS$MAT_INIT		
0000DDC8	R-BAS$MAT_INV		
00017660	R-BAS$MAT_MUL		
0001EB40	R-BAS$MAT_NULL		
0001EBC8	R-BAS$MAT_REDIM		
0001ECB4	R-BAS$MAT_SCA_MUL		
00022C70	R-BAS$MAT_SUB		
000298CC	R-BAS$MAT_TRN		
0002F890	R-BAS$FSS	R-BAS$NOT_IMP	R-BAS$PEEK	R-BPAS$ET_DEF
0002F8A0	R-BAS$ONECHR		
0002F8FC	R-BAS$CVT_W_S		
0002F92C	R-BAS$CVT_S_W		
0002F978	R-BAS$CVT_F_S		
0002F9B2	R-BAS$CVT_D_S		
0002FA00	R-BAS$CVT_S_F		
0002FA52	R-BAS$CVT_S_D		
0002FAE8	R-BAS$SYS		
0002FF50	R-LIB$$ADDP_R7		
000301B5	R-OTS$$PUSH_CCB		
00030430	R-OTS$$POP_CCB		
000304A4	R-OTS$$CLOSE_FILE		
00030550	R-OTS$$GET_LUN		
0003058F	R-OTS$$FREE_LUN		
000305B3	R-OTS$$TAKE_LUN		
000305D8	R-OTS$$TERM_IO		
00030618	R-OTS$$A_CUR_LUB		
0003061C	R-OTS$$V_CCB_INIT		
00030620	R-OTS$$AX_LUB_TAB		
00030A20	R-OTS$$V_IOINPROG		
00030A30	R-OTS$$L_CUR_LUN		
00030A34	R-OTS$$L_LVL_CTR		
00030A38	R-OTS$$V_LUN_OWNR		
00030C00	R-BPAS$MOVTUC		
00030C2C	R-BPAS$ASSIGN		
00030D71	R-BPAS$DEASSIGN		
00030E14	R-BPAS$DEASS_ALL		
00030F77	R-BPAS$ASCII		
00031232	R-BPAS$FSS		
000322E4	R-BPAS$GET_BLOCK		
00032308	R-BPAS$FREE_BLOCK		
00032318	R-BPAS$MESAG		
000328A1	R-BPAS$MESS_CLEAR		
000328F4	R-BPAS$SET_PRI		
00032920	R-BPAS$WAKEUP		
00032976	R-R50ASC		
00032A20	R-BPAS$GB_USR_PROT		
00032A24	R-BPAS$GB_USR_REAL		
00032A28	R-BPAS$AL_USRPPN		
00032A30	R-BPAS$A_MSG		
00032E48	RX-BAS$CANTYPAHEAD		
00032E4C	RX-BAS$$CB_POP		

Value   Symbols...
-----   ----------
00032E50   RX-BAS$$CB_PUSH
00032E54   RX-BAS$CTREC
00032E58   RX-BAS$RCTRLO
00032E5C   RX-BAS$$STORE_DET
00032E60   RX-BAS$$STORE_DET_G
00032E64   RX-BAS$$STORE_DET_H
00032E68   RX-BAS$NOECHO
00032E6C   RX-BAS$ECHO
00032E70   RX-BAS$ERT
00032E74   RX-BAS$$STOP
00032E78   RX-BAS$FETCH_DESC
00032E7C   RX-BAS$$OPEN_ZERO
00032E80   RX-BAS$$SCALE_R1
00032E84   RX-BAS$$STOP_IO
00032E88   RX-BAS$STO_FA_H_R8
00032E8C   RX-BAS$STO_FA_G_R8
00032E90   RX-BAS$STO_FA_B_R8
00032E94   RX-BAS$FET_FA_H_R8
00032E98   RX-BAS$FET_FA_G_R8
00032E9C   RX-BAS$FET_FA_B_R8
00032EA0   RX-BAS$STO_FA_D_R8
00032EA4   RX-BAS$FET_FA_D_R8
00032EA8   RX-BAS$STO_FA_F_R8
00032EAC   RX-BAS$FET_FA_F_R8
00032EB0   RX-BAS$STO_FA_L_R8
00032EB4   RX-BAS$FET_FA_L_R8
00032EB8   RX-BAS$STO_FA_W_R8
00032EBC   RX-BAS$FET_FA_W_R8
00032EC0   RX-BAS$STORE_BFA
00032EC4   RX-BAS$FETCH_BFA
00032ED0   RX-STR$CONCAT
00032ED4   RX-STR$COPY_R
00032ED8   RX-STR$COPY_DX
00032EDC   RX-STR$FREE1_DX_R4
00032EE0   RX-STR$FREE1_DX_
00032EE4   RX-STR$GET1_DX
00032EE8   RX-LIB$GET_COMMON
00032EEC   RX-LIB$PUT_COMMON
00032EF0   RX-LIB$GET_EF
00032EF4   RX-LIB$FREE_EF
00032EF8   RX-LIB$STOP
00032EFC   RX-LIB$SIGNAL
00032F00   RX-LIB$FREE_VM
00032F04   RX-LIB$GET_VM
00032F10   RX-MTH$DINT_R4
00158001   LIB$_NORMAL
00158011   LIB$_STRTRU
00158019   LIB$_ONEENTQUE
00158021   LIB$_KEYALRINS
00158029   LIB$_ERRROUCAL
00158031   LIB$_RESTART
00158204   LIB$_BADSTA

Value   Symbols...
------   ----------
0015820C   LIB$_FATERRLIB
00158214   LIB$_INSVIRMEM
0015821C   LIB$_INPSTRTRU
00158224   LIB$_INVSTRDES
0015822C   LIB$_INTLOGERR
00158234   LIB$_INVARG
0015823C   LIB$_AMBKEY
00158244   LIB$_UNRKEY
0015824C   LIB$_PUSSTAOVE
00158254   LIB$_USEFLORES
0015825C   LIB$_SIGNO_ARG
00158264   LIB$_BADBLOADR
0015826C   LIB$_BADBLOSIZ
00158274   LIB$_NOTFOU
0015827C   LIB$_ATTCONSTO
00158284   LIB$_SYNTAXERR
0015828C   LIB$_INVTYPE
00158294   LIB$_INSEF
0015829C   LIB$_EF_ALRFRE
001582A4   LIB$_EF_ALRRES
001582AC   LIB$_EF_RESSYS
001582B4   LIB$_INSLUN
001582BC   LIB$_LUNALRFRE
001582C4   LIB$_LUNRESSYS
001582CC   LIB$_SCRBUFOVF
001582D4   LIB$_INVSCRPOS
001582DC   LIB$_SECINTFAI
001582E4   LIB$_INVCHA
001582EC   LIB$_QUEWASEMP
001582F4   LIB$_STRIS_INT
001582FC   LIB$_KEYNOTFOU
00158304   LIB$_INVCVT
0015830C   LIB$_INVDTYDSC
00158314   LIB$_INVCLADSC
0015831C   LIB$_INVCLADTY
00158324   LIB$_INVNBDS
0015832C   LIB$_DESSTROVF
00158334   LIB$_INTOVF
0015833C   LIB$_DECOVF
00158344   LIB$_FLTOVF
0015834C   LIB$_FLTUND
00158354   LIB$_ROPRAND
0015835C   LIB$_WRONUMARG
00158364   LIB$_NOSUCHSYM
0015836C   LIB$_INSCLIMEM
00158374   LIB$_AMBSYMDEF
0015837C   LIB$_NOCLI
00158384   LIB$_UNECLIERR
0015838C   LIB$_INVSYMNAM
00158394   LIB$_ATTREQREF
0015839C   LIB$_INVFILSPE
001583A4   LIB$_INVXAB

Value	Symbols...
001583AC	LIB$_NO_STRACT
001583B4	LIB$_BADTAGVAL
001583BC	LIB$_INVOPEZON
001583C4	LIB$_PAGLIMEXC
00159000	LIB$_OUTSTRTRU
00159008	LIB$_FILFAIMAT
00159010	LIB$_NEGANS
00159018	LIB$_QUIPRO
00159020	LIB$_QUICONACT
0015C000	LIB$_BADCCC
0015C008	LIB$_EOMERROR
0015C010	LIB$_EOMFATAL
0015C018	LIB$_EOMWARN
0015C020	LIB$_GSDTYP
0015C028	LIB$_ILLFMLCNT
0015C030	LIB$_ILLMODNAM
0015C038	LIB$_ILLPSCLEN
0015C040	LIB$_ILLRECLEN
0015C048	LIB$_ILLRECLN2
0015C050	LIB$_ILLRECTYP
0015C058	LIB$_ILLRECTY2
0015C060	LIB$_ILLSYMLEN
0015C068	LIB$_NOEOM
0015C070	LIB$_RECTOOSML
0015C078	LIB$_SEQUENCE
0015C080	LIB$_SEQUENCE2
0015C088	LIB$_STRLVL
00168284	MTH$_WRONUMARG
0016828C	MTH$_INVARGMAT
00168294	MTH$_UNDEXP
0016829C	MTH$_LOGZERNEG
001682A4	MTH$_SQUROONEG
001682BC	MTH$_SIGLOSMAT MTH$_SINCOSSIG
001682C4	MTH$_FLOOVEMAT
001682CC	MTH$_FLOUNDMAT
0017800C	OTS$_INVSTRDES
00178014	OTS$_FATINTERR
0017801C	OTS$_INTDATCOR
00178024	OTS$_IO_CONCLO
0017802C	OTS$_INPCONERR
00178034	OTS$_OUTCONERR
0017803C	OTS$_STRIS_INT
00178044	OTS$_INSVIRMEM
0017804C	OTS$_WRONUMARG
00178400	OTS$_USEFLORES
001A8003	BAS$_VAXBAS
001A800A	BAS$_BADDIRDEV
001A8012	BAS$_ILLFILNAM
001A801A	BAS$_ACCDEVUSE
001A8022	BAS$_NO_ROOUSE
001A802A	BAS$_CANFINFIL
001A8032	BAS$_NOTVALDEV

Value   Symbols...
-----   ----------
001A803A   BAS$_IO_CHAALR
001A8042   BAS$_DEVNOTAVA
001A804A   BAS$_IO_CHANOT
001A8052   BAS$_PROVIO
001A805A   BAS$_ENDFILDEV
001A8062   BAS$_FATSYSIO
001A806A   BAS$_USEDATERR
001A8072   BAS$_DEVHUNWRI
001A807A   BAS$_KEYWAIEXH
001A8082   BAS$_NAMACCNOW
001A808A   BAS$_TOOMANOPE
001A8092   BAS$_ILLSYSUSA
001A809A   BAS$_DISBLOINT
001A80A2   BAS$_PACIDSDON
001A80AA   BAS$_DISPACNOT
001A80B2   BAS$_DISPACLOC
001A80BA   BAS$_ILLCLUSIZ
001A80C2   BAS$_DISPACPRI
001A80CA   BAS$_DISPACNEE
001A80D2   BAS$_FATDISPAC
001A80DA   BAS$_IO_TO_DET
001A80E2   BAS$_PROC_-TRA
001A80EA   BAS$_CORFILSTR
001A80F2   BAS$_DEVNOTFIL
001A80FA   BAS$_ILLBYTCOU
001A8102   BAS$_NO_BUFSPA
001A810A   BAS$_ODDADDTRA
001A8114   BAS$_RESINSTRA
001A811C   BAS$_MEMMANVIO
001A8124   BAS$_SP_STAOVE
001A812C   BAS$_DISERRDUR
001A8134   BAS$_MEMPARFAI
001A813A   BAS$_MAGSELERR
001A8142   BAS$_MAGRECLEN
001A814A   BAS$_NONRESRUN
001A8152   BAS$_VIRBUFTOO
001A815A   BAS$_VIRARRDIS
001A8162   BAS$_MATARRTOO
001A816A   BAS$_VIRARROPE
001A8172   BAS$_ILLIO_CHA
001A817A   BAS$_LINTOOLON
001A8182   BAS$_FLOPOIERR
001A818A   BAS$_ARGTOOLAR
001A8190   BAS$_DATFORERR
001A819A   BAS$_INTERR
001A81A2   BAS$_ILLNUM
001A81AA   BAS$_ILLARGLOG
001A81B2   BAS$_IMASQUROO
001A81BA   BAS$_SUBOUTRAN
001A81C2   BAS$_CANINVMAT
001A81CA   BAS$_OUTOF_DAT
001A81D2   BAS$_ON_STAOUT

Value	Symbols...
001A81DA	BAS$_NOTENODAT
001A81E2	BAS$_INTOVEFOR
001A81EA	BAS$_DIVBY_ZER
001A81F2	BAS$_NO_RUNSYS
001A81FA	BAS$_FIEOVEBUF
001A8202	BAS$_NOTRANACC
001A820A	BAS$_ILLMAGUSA
001A8212	BAS$_MISSPEFEA
001A821A	BAS$_ILLSWIUSA
001A8224	BAS$_UNUERR068
001A822C	BAS$_UNUERR069
001A8234	BAS$_UNUERR070
001A823C	BAS$_STANOTFOU
001A8244	BAS$_RETWITGOS
001A824C	BAS$_FNEWITFUN
001A8254	BAS$_UNDFUNCAL
001A825C	BAS$_ILLSYM
001A8264	BAS$_ILLVER
001A826C	BAS$_ILLEXP
001A8274	BAS$_ILLMODMIX
001A827C	BAS$_ILLIF_STA
001A8284	BAS$_ILLCONCLA
001A828C	BAS$_ILLFUNNAM
001A8294	BAS$_ILLDUMVAR
001A829C	BAS$_ILLFN_RED
001A82A4	BAS$_ILLLINNUM
001A82AC	BAS$_MODERR
001A82B2	BAS$_CANCOMSTA
001A82BC	BAS$_EXPTOOCOM
001A82C4	BAS$_ARGDONMAT
001A82CC	BAS$_TOOMANARG
001A82D0	BAS$_INCFUNUSA
001A82DC	BAS$_ILLDEFNES
001A82E4	BAS$_FORWITNEX
001A82EC	BAS$_NEXWITFOR
001A82F4	BAS$_DEFWITFNE
001A82FC	BAS$_FNEWITDEF
001A8304	BAS$_LITSTRNEE
001A830C	BAS$_TOOFEWARG
001A8314	BAS$_SYNERR
001A831C	BAS$_STRIS_NEE
001A8324	BAS$_NUMIS_NEE
001A832C	BAS$_DATTYPERR
001A8334	BAS$_ONEOR_TWO
001A833C	BAS$_PROLOSSOR
001A8344	BAS$_RESNO_ERR
001A834A	BAS$_REDARR
001A8350	BAS$_INCSUBUSE
001A835C	BAS$_ON_STANEE
001A8364	BAS$_ENDOF_STA
001A836B	BAS$_WHA
001A8374	BAS$_BADLINNUM

Value   Symbols...
-----   ----------
001A837C   BAS$_NOTENOAVA
001A8384   BAS$_EXEONLFIL
001A838C   BAS$_PLEUSERUN
001A8394   BAS$_CANCON
001A839C   BAS$_FILEXIREN
001A83A4   BAS$_PRIUSIFOR
001A83AC   BAS$_MATARRWIT
001A83B4   BAS$_BADNUMPRI
001A83BC   BAS$_ILLIN_IMM
001A83C4   BAS$_PRIUSIBUF
001A83CC   BAS$_ILLSTA
001A83D4   BAS$_ILLFIEVAR
001A83DB   BAS$_STO
001A83E4   BAS$_MATDIMERR
001A83EC   BAS$_WROMATPAC
001A83F4   BAS$_MAXMEMEXC
001A83FC   BAS$_SCAFACINT
001A8402   BAS$_TAPRECNOT
001A840A   BAS$_TAPBOTDET
001A8412   BAS$_KEYNOTCHA
001A841A   BAS$_NO_CURREC
001A8422   BAS$_RECHASBEE
001A842A   BAS$_ILLUSADEV
001A8432   BAS$_DUPKEYDET
001A843A   BAS$_ILLUSA
001A8442   BAS$_ILLILLACC
001A844A   BAS$_ILLKEYATT
001A8452   BAS$_FILIS_LOC
001A845A   BAS$_INVFILOPT
001A8462   BAS$_INDNOTINI
001A846A   BAS$_ILLOPE
001A8472   BAS$_ILLRECFIL
001A847A   BAS$_BADRECIDE
001A8482   BAS$_INVKEYREF
001A848A   BAS$_KEYSIZTOO
001A8492   BAS$_TAPNOTANS
001A849A   BAS$_RECNUMEXC
001A84A2   BAS$_BADRECVAL
001A84AA   BAS$_NOTENDFIL
001A84B2   BAS$_NO_PRIKEY
001A84BA   BAS$_KEYFIEBEY
001A84C2   BAS$_ILLRECACC
001A84CA   BAS$_RECALREXI
001A84D2   BAS$_RECBUCLOC
001A84DA   BAS$_RECNOTFOU
001A84E2   BAS$_SIZRECINV
001A84EA   BAS$_RECFILTOO
001A84F2   BAS$_PRIKEYOUT
001A84FA   BAS$_KEYLARTHA
001A8502   BAS$_FILATTNOT
001A850A   BAS$_MOVOVEBUF
001A8512   BAS$_CANOPEFIL

Value   Symbols...
-----   -----------
001A851A   BAS$_NO_FILNAM
001A8522   BAS$_TERFORFIL
001A852A   BAS$_CANPOSEOF
001A8532   BAS$_NEGFILSTR
001A853A   BAS$_ILLRECFOR
001A8542   BAS$_ILLALLCLA
001A854C   BAS$_UNUERR169
001A8552   BAS$_INDNOTFUL
001A855A   BAS$_RRVNOTFUL
001A8562   BAS$_RECLOCFAI
001A856A   BAS$_INVRFAFIE
001A8572   BAS$_FILEXPDAT
001A857A   BAS$_NODNAMERR
001A8580   BAS$_NEGZERTAB
001A8588   BAS$_TOOMUCDAT
001A8592   BAS$_EXRMSSHR
001A859A   BAS$_UNEFILDAT
001A85A2   BAS$_NOSUPFOR
001A85AA   BAS$_DECERR
001A85B2   BAS$_NETOPEREJ
001A85BA   BAS$_REMOVEBUF
001A85C4   BAS$_UNAREMVAR
001A85CC   BAS$_RECOVEMAP
001A85D4   BAS$_IMPERRHAN
001A85DC   BAS$_ILLRECLOC
001A85E2   BAS$_REQRECSIZ
001A85E8   BAS$_TOOLITDAT
001A85F4   BAS$_UNUERR190
001A85FC   BAS$_UNUERR191
001A8604   BAS$_UNUERR192
001A860C   BAS$_UNUERR193
001A8614   BAS$_UNUERR194
001A861C   BAS$_UNUERR195
001A8624   BAS$_UNUERR196
001A862C   BAS$_UNUERR197
001A8634   BAS$_UNUERR198
001A863C   BAS$_UNUERR199
001A8644   BAS$_UNUERR200
001A864C   BAS$_UNUERR201
001A8654   BAS$_UNUERR202
001A865C   BAS$_UNUERR203
001A8664   BAS$_UNUERR204
001A866C   BAS$_UNUERR205
001A8674   BAS$_UNUERR206
001A867C   BAS$_UNUERR207
001A8684   BAS$_UNUERR208
001A868C   BAS$_UNUERR209
001A8694   BAS$_UNUERR210
001A869C   BAS$_UNUERR211
001A86A4   BAS$_UNUERR212
001A86AC   BAS$_UNUERR213
001A86B4   BAS$_UNUERR214

Value	Symbols...
001A86BC	BAS$_UNUERR215
001A86C4	BAS$_UNUERR216
001A86CC	BAS$_UNUERR217
001A86D4	BAS$_UNUERR218
001A86DC	BAS$_UNUERR219
001A86E4	BAS$_UNUERR220
001A86EC	BAS$_UNUERR221
001A86F4	BAS$_UNUERR222
001A86FC	BAS$_UNUERR223
001A8704	BAS$_UNUERR224
001A870C	BAS$_UNUERR225
001A8714	BAS$_UNUERR226
001A871A	BAS$_STRTOOLON
001A8722	BAS$_RECATTNOT
001A872C	BAS$_DIFUSELON
001A8732	BAS$_NO_FIEIMA
001A873A	BAS$_ILESTRIMA
001A8742	BAS$_NULIMA
001A874A	BAS$_ILLNUMIMA
001A8752	BAS$_NUMIMASTR
001A875A	BAS$_STRIMANUM
001A8762	BAS$_TIMLIMEXC
001A876A	BAS$_FIRARGSEQ
001A8772	BAS$_ARRMUSSAM
001A877A	BAS$_ARRMUSSQU
001A8782	BAS$_CANCHAARR
001A878A	BAS$_FLOOVE
001A8792	BAS$_FLOUND
001A879A	BAS$_CHATO_NON
001A87A2	BAS$_EXPERR
001A87AC	BAS$_ILLEXIDEF
001A87B4	BAS$_ERRTRANEE
001A87BC	BAS$_ILLRESSUB
001A87C2	BAS$_ILLRETSUB
001A87CA	BAS$_ARGOUTBOU
001A87D2	BAS$_NOTIMP
001A87DA	BAS$_RECSUBCAL
001A87E2	BAS$_FILACPFAI
001A87EA	BAS$_DIRERR
001A87F4	BAS$_UNUERR254
001A87FC	BAS$_UNUERR255
001AFFA8	BAS$_FORFILUSE
001AFFC3	BAS$_ON_CHAFIL
00248044	STR$_FATINTERR
0024804C	STR$_DIVBY_ZER
00248054	STR$_ILLSTRCLA
0024805C	STR$_STRIS_INT
00248064	STR$_WRONUMARG
0024806C	STR$_INSVIRMEM
00248074	STR$_STRTOOLON
00248200	STR$_TRU
00248208	STR$_NOMATCH

Value   Symbols...
-----   ----------
00248401   STR$_NEGSTRLEN
00248409   STR$_ILLSTRPOS
00248411   STR$_ILLSTRSPE
00248419   STR$_MATCH
7FFEDE00   SYS$QIOW
7FFEDE38   SYS$ALLOC
7FFEDE50   SYS$ASSIGN
7FFEDE70   SYS$CANWAK
7FFEDEB0   SYS$CRELOG
7FFEDEB8   SYS$CREMBX
7FFEDED8   SYS$DALLOC
7FFEDEE0   SYS$DASSGN
7FFEDEF0   SYS$DCLEXH
7FFEDEF8   SYS$DELLOG
7FFEDF00   SYS$DELMBX
7FFEDF40   SYS$EXIT
7FFEDF50   SYS$FAO
7FFEDF88   SYS$HIBER
7FFEDFF0   SYS$SCHDWK
7FFEDFF8   SYS$SETAST
7FFEE028   SYS$SETPRI
7FFEE058   SYS$TRNLOG
7FFEE080   SYS$WAKE
7FFEE0C8   SYS$GETCHN
7FFEE1A8   SYS$WAIT
7FFEE1B8   SYS$CLOSE
7FFEE1D0   SYS$DISCONNECT
7FFEE230   SYS$PARSE

Key for special characters above:
+--------------------------+
| * - Undefined |
| U - Universal |
| R - Relocatable |
| X - External |
+--------------------------+

```
                              +------------------+
                              ! Image Synopsis !
                              +------------------+
```

Virtual memory allocated: 00000000 000331FF 00033200 (209408. bytes, 409. pages)
Stack size: 0. pages
Image header virtual block limits: 1.   1. (1. block)
Image binary virtual block limits: 2.   409. (408. blocks)
Image name and identification: BASRTL2 V04-000
Number of files: 10.
Number of modules: 40.
Number of program sections: 15.
Number of global symbols: 1608.
Number of cross references: 1106.
Number of image sections: 13.
Number of code references to shareable images: 47.
Image type: PIC, SHAREABLE. Global Section Match=LESS/EQUAL, Ident, Major=1, Minor=10
Map format: FULL WITH CROSS REFERENCE in file _255DUA28:[BASRTL.LIS]BASRTL2.MAP;1
Estimated map length: 302. blocks

```
                           +----------------------+
                           ! Link Run Statistics !
                           +----------------------+
```

Performance Indicators   Page Faults   CPU Time   Elapsed Time
----------------------   -----------   --------   ------------
     Command processing: 189   00:00:01.42   00:00:02.59
     Pass 1:   459   00:00:04.87   00:00:19.15
     Allocation/Relocation: 38   00:00:00.22   00:00:00.49
     Pass 2:   454   00:00:05.13   00:00:13.01
     Map data after object module synopsis: 29   00:00:05.04   00:00:05.08
     Symbol table output: 4   00:00:00.06   00:00:00.25
Total run values: 1173   00:00:16.74   00:00:40.57

Using a working set limited to 2700 pages and 1153 pages of data storage (excluding image)

Total number object records read (both passes):   2082
     of which 1032 were in libraries and 2 were DEBUG data records containing 48 bytes

Number of modules extracted explicitly   = 36
     with 0 extracted to resolve undefined symbols

0 library searches were for symbols not in the library searched

A total of 6 global symbol table records was written

LINK/NOSYSLIB/SHARE=EXE$:BASRTL2/MAP=MAP$:BASRTL2/FULL/CROSS COM$:BASRTLNK2/OPTIONS
! BASRTLNK2.OPT - Linker options file for building BASRTL2.EXE
!
! 1-001 - adapted from BASRTLLNK 1-006. MDL 19-May-1983
! 1-002 - remove references to vectored routines in other shared images.
!   MDL 24-May-1983
! 1-003 - remove BAS$INIT_DFS and BAS$END_DFS; these were overlooked in
!   the previous edit. MDL 26-May-1983
! 1-004 - rename BASMATRTL to BASRTL2. INCLUDE files from RTL-specific
!   OLB's as needed. Link against IMAGELIB in SYS$LIBRARY. MDL 4-Aug-1983

```
!  1-005 - other facilities' OLB's are in RESOBJ$ now.  MDL 11-Aug-1983
!  1-006 - vector source is BAS$VECTR2 now.  MDL 21-Sep-1983
!

!+
!  Specify image name and ident.  Note that this is not the same as
!  the global section ident given with GSMATCH.  IDENT should change
!  each time BASRTL2 changes in a released version, such as a maintenance
!  update.  GSMATCH should change only when the vector is modified in an
!  incompatible (backwards) fashion.
!-

NAME=BASRTL2
IDENT="V04-000"

!+
!  Specify the order of the PSECTs.  The vector comes first.
!-
COLLECT=CLUSTER1,$BAS$VECTR2,_BAS$CODE,_LIB$CODE,_OTS$CODE
COLLECT=CLUSTER2,_BAS$DATA,_LIB$DATA,_OTS$DATA

!+
!  Specify modules to be included.  The first must be BASVECTR2.
!-
OBJ$:BASVECTR2,LIB$:BASRTL/INCLUDE=(-
        BAS$MAT_ADD,-
        BAS$MAT_ASSIGN,-
        BAS$MAT_IDN,-
        BAS$MAT_INIT,-
        BAS$MAT_INV,-
        BAS$MAT_MUL,-
        BAS$MAT_NULL,-
        BAS$MAT_REDIM,-
        BAS$MAT_SCA_MUL,-
        BAS$MAT_SUB,-
        BAS$MAT_TRN,-
        BAS$NOT_IMP,-
        BAS$ONECHR,-
        BAS$RSTS_CVT,-
        BAS$SYS,-
        BPAS$MOVTUC,-
        BPA$ASSDEAS,-
        BPA$FSS,-
        BPA$GETFREBLK,-
        BPA$MESAG,-
        BPA$SET_PRI,-
        BPA$WAKEUP,-
        BAS$MSGDEF),-

RESOBJ$:FORRTL/INCLUDE=(-

        COM$R50ASC),-

RESOBJ$:LIBRTL/INCLUDE=(-
```

```
        LIB$$ADDP_R7,-
        OTS$$CCB,=
        OTS$$CCB_DATA,-
        OTS$$CLOSE_FILE,-
        OTS$$LUN,-
        OTS$$TERM_IO,-
        LIB$MSGDEF,-
        OTS$MSGDEF,-
        STR$MSGDEF),-

RESOBJ$:MTHRTL/INCLUDE=(-

        MTH$MSGDEF)

SYS$LIBRARY:STARLET/INCLUDE=(SYS$P1_VECTOR,SYS$SSDEF)
SYS$LIBRARY:IMAGELIB/LIBRARY

! Set global section match values
GSMATCH=LEQUAL,1,10
```

BASERRMSG
REQ

BASFRAME
REQ

BASOPN
REQ

BPAPSBDEF
REQ

BPASTRUCT
REQ

BPADABDEF
REQ

BPAXRBDEF
REQ

BPAERRDEF
REQ

BPAFUNDEF
REQ

BASINARG
REQ

BASBUFSIZ
LIS

MATRIX
MAR

BASIOERR
REQ

BASCB
LIS

BPAFQBDEF
REQ

BASRTL2
MAP

BASPAR
SDL

BASLNK
REQ

BPAMSGDEF
REQ

BASRTL

BASRTL
MAP

BASCANTYP
LIS